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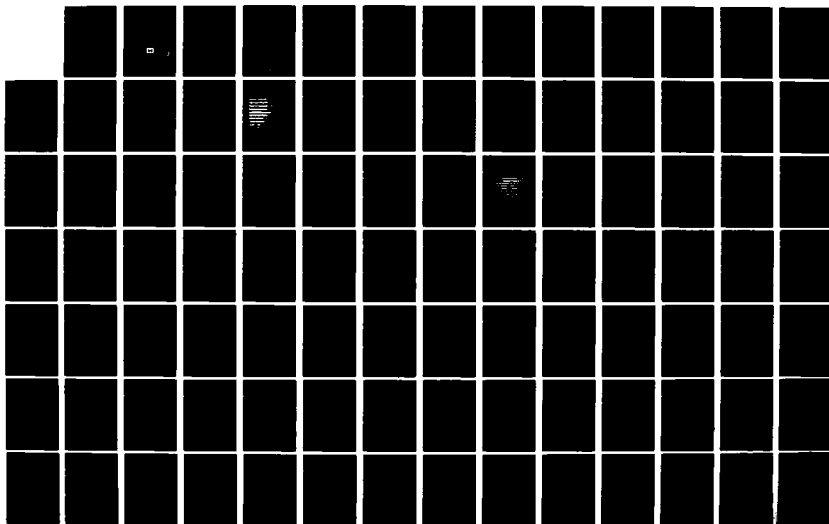
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1980 PART 5 NATIONAL SUMMARIES(U) CORPS OF ENGINEERS
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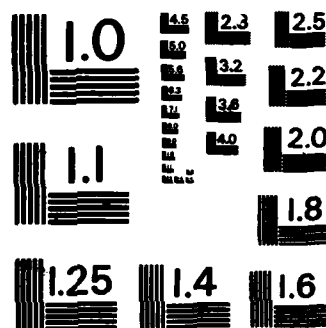
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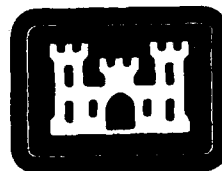
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WATERBORNE COMMERCE OF THE UNITED STATES

CALENDAR YEAR 1980

PART 5
NATIONAL SUMMARIES



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WATERBORNE COMMERCE OF THE UNITED STATES

CALENDAR YEAR 1980

PART 5 NATIONAL SUMMARIES

COMPILED UNDER THE SUPERVISION OF
THE WATER RESOURCES SUPPORT CENTER
U. S. ARMY CORPS OF ENGINEERS
FORT BELVOIR, VIRGINIA

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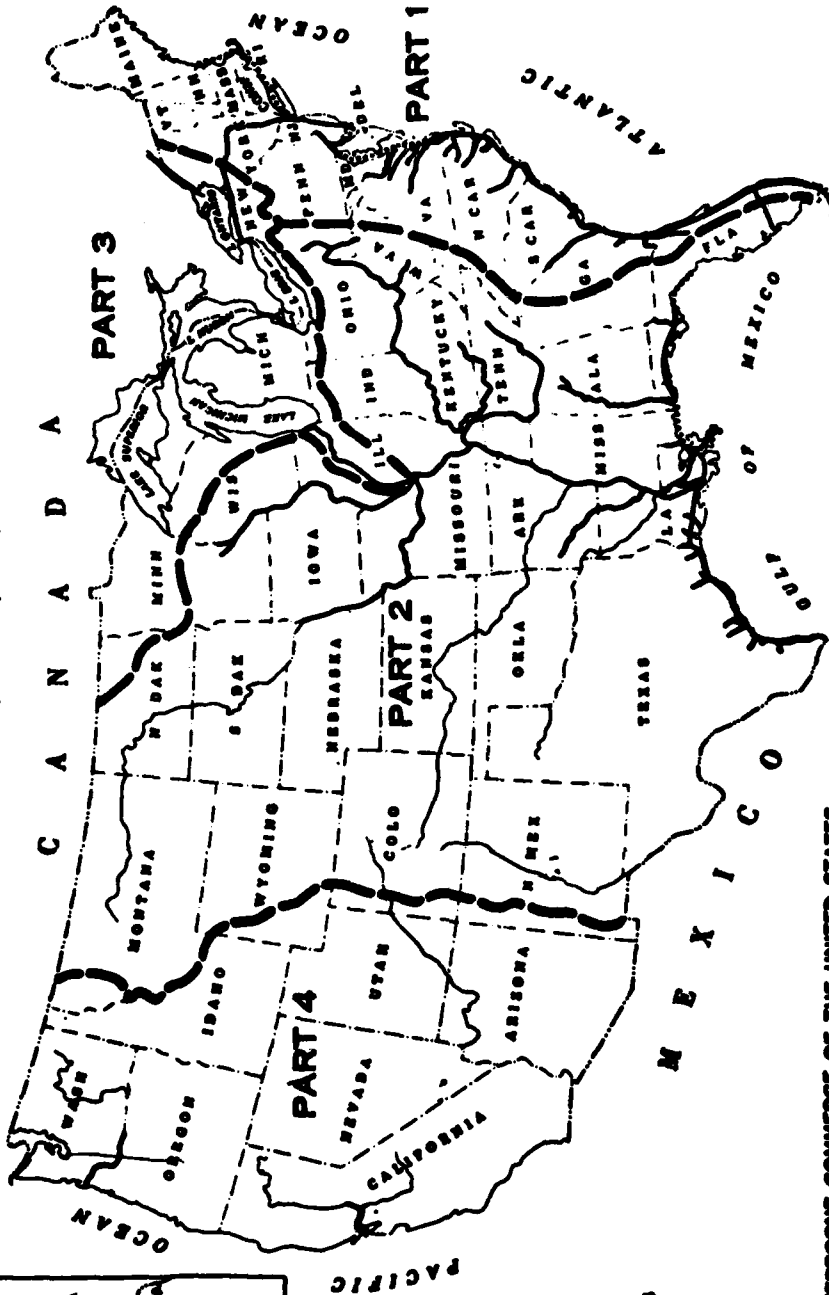
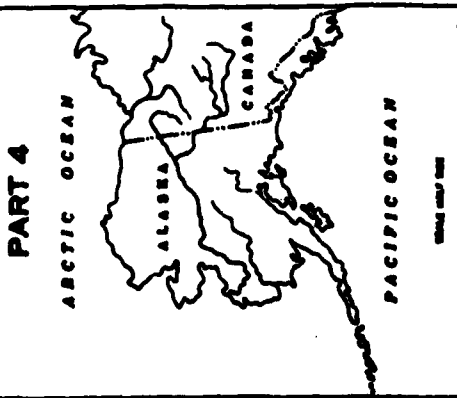
U.S. Army Engineer District, San Francisco
211 Main Street, San Francisco, California 94105



Geographical Areas Covered by
Waterborne Commerce Statistics Publications
of the

DEPARTMENT OF THE ARMY CORPS OF ENGINEERS

(Heavy broken lines indicate the limits embraced by each part of the five-part series)



INLAND WATERWAYS LEGEND

— PRINCIPAL IMPROVED WATERWAYS
..... (IN OPEN WATER)

PART 4

PACIFIC OCEAN

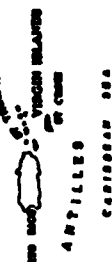


WATERBORNE COMMERCE OF THE UNITED STATES

- Part 1 - Atlantic Coast
- Part 2 - Gulf Coast, Mississippi River System and Anadarko
- Part 3 - Great Lakes
- Part 4 - Pacific Coast, Alaska and Hawaii
- Part 5 - Waterborne Commerce of the United States
(National Summary)

PART 2

ATLANTIC OCEAN



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This publication is one of a series containing statistics on the waterborne commerce of the United States during the calendar year 1980. Four of these publications present detailed data on the movements of commodities and vessels at the ports and harbors and on the waterways and canals of the United States, the Commonwealth of Puerto Rico, and the Virgin Islands, and the fifth contains summary data of the country as a whole. The numbers of the publications and the areas covered are:

Area

- Part 1. Atlantic Coast
- Part 2. Gulf Coast, Mississippi River System, and Antilles
- Part 3. Great Lakes
- Part 4. Pacific Coast, Alaska, and Hawaii
- Part 5. Waterborne Commerce of the United States (National Summaries)

Both the foreign and domestic commerce of the United States by water are included. Data on the foreign commerce were supplied to the Corps of Engineers by the Bureau of the Census; data for the compilation of the domestic statistics were collected by the several offices of the Corps of Engineers, Department of the Army, in compliance with various acts of Congress. The principal provision governing the collection of these data is included in the River and Harbor Act of September 22, 1922:

Sec. 11. That owners, agents, masters, and clerks of vessels and other craft plying upon the navigable waters of the United States, and all individuals and corporations engaged in transporting their own goods upon the navigable waters of the United States, shall furnish such statements relative to vessels, passengers, freight and tonnage as may be required by the Secretary of War: Provided, that this provision shall not apply to those rafting logs, except upon a direct request upon the owner to furnish specific information.

That every person or persons offending against the provisions of this section shall, for each and every offense, be liable to a fine of \$100 or imprisonment not exceeding two months, to be enforced in any district court in the United States within whose territorial jurisdiction such offense may have been committed.

While the information as now collected and compiled is designed to meet the administrative requirements of the Department of the Army in connection with the duties assigned by Congress, it also provides useful data for other governmental departments, commercial and shipping concerns, and others interested in transportation.

Waterborne traffic movements were reported to the Corps of Engineers by all vessel operators of record on prescribed forms approved by the Office of Management and Budget under the Federal Reports Act of 1942 for those movements of their vessels which were classified as domestic traffic; namely, between United States ports, continental and noncontiguous, and on the inland rivers, canals, and connecting channels of the United States, Puerto Rico, and the Virgin Islands, excluding the Panama Canal. The reports were generally submitted on the basis of a vessel movement completed in one direction and, for movements with cargo, the origin and destination of the water transportation of each individual commodity. In compiling the data, the entire movement was included in the year in which the movement was completed even though the shipment may have originated in the preceding year, except that, beginning with calendar year 1961 statistics, a cutoff date of 28 February was established for the processing of reports from vessel operators covering the prior year's completed movements. Hence, reports of movements completed in 1980 but not reported to the Corps of Engineers until after 28 February 1981 will be included in the next year's, 1981, statistics rather than in this publication, while reports of movements completed in 1979 but reported to the Corps after 28 February 1980 are included in this publication.

Sponsored by the Office of Statistical Policy, Office of Management and Budget, a uniform system of classification for freight was developed with cooperation of all Federal agencies engaged in collecting and compiling data on shipping. This classification, the Commodity Classification for Domestic Waterborne Commerce, is used for data on the foreign and domestic commerce presented in these publications, although some minor modifications exist in the foreign data which were necessitated by Bureau of the Census policies and procedures.

The domestic traffic includes all commercial movements between points in the United States, Puerto Rico, and the Virgin Islands. Traffic with the Panama Canal Zone is treated as foreign commerce. Cargo moved for the military agencies in commercial vessels is reported as ordinary commercial cargo; military cargo moved in Department of Defense vessels is omitted from these statistics.

All movements between the United States and foreign countries and between Puerto Rico and Virgin Islands, U.S.A., and foreign countries are classified as foreign traffic. Trade between United States territories and possessions, i.e. Guam, Wake, American Samoa, etc., and foreign countries is excluded.

These data are furnished to the Corps of Engineers by the Bureau of the Census under a working arrangement sponsored by the Office of Statistical Policy, Office of Management and Budget. The data are confined to movements by water, and are reconcilable with published reports of the Bureau of the Census. Shipments of domestic merchandise and re-exports of foreign merchandise are termed exports. The imports include inbound merchandise for direct consumption and entries into custom bonded storage and manufacturing warehouses. Intransit merchandise, defined by the Bureau of the Census as merchandise coming into the United States from a foreign country and shipped to a foreign country without having been entered as an import, is treated as an import when unloaded from a vessel and as an export when loaded on a vessel. Export shipments for use of the United States Armed Forces abroad are excluded from the statistics as are import shipments on Department of Defense owned and operated vessels. Foreign trade data of territories and possessions other than Puerto Rico and the Virgin Islands, which are under the jurisdiction of the Department of the Interior, were not furnished to the Corps of Engineers by the Bureau of the Census and are excluded from the statistics of both agencies.

Export shipments under the various foreign aid programs on Department of Defense operated vessels, either American Flag commercial vessels under time, voyage, or space charter or vessels owned and operated by the Department of Defense, and various items (listed by the Census) which affect national security are not published in terms of the individual commodities shipped. Instead, a lump-sum tonnage figure is compiled and appears in these tables as commodity code 9999, "Department of Defense controlled cargo and Special Category Items."

The 1980 statistics on waterborne exports of domestic and foreign merchandise and non-Department of Defense shipments of Special Category commodities reflect fully compiled data for shipments to Canada individually valued at \$2,000 and over combined with estimated data for shipments valued \$251-\$1,999, based on a 10-percent sample of such shipments. For countries other than Canada, the export statistics reflect fully compiled data for shipments valued \$1,000 and over combined with estimated data for shipments valued \$251-\$999, based on a 50-percent sample of such shipments. Data on export shipments valued under \$251 are excluded from this report.

Import statistics for 1980 exclude data on shipments valued \$250 and under reported on both formal and informal entries. Informal entries generally contain items valued not more than \$250.

Foreign trade data furnished by Census are based on reports processed for Census' monthly data January through December and represent statistical year rather than calendar year data.

Combination of the net domestic traffic (originating commodity movements) with the foreign traffic (imports and exports) provides the net total tons of the waterborne commerce of the United States. In summarizing the domestic commerce to obtain the net loading of rail cars moved on car-ferries; cargo on general ferries; Government materials moved by water in connection with waterway improvements and maintenance; and coal and petroleum products loaded from shore facilities directly into bunkers of vessels for fuel were excluded. (There are certain, so-called car-ferry operations which are not considered in the ferry category; rail-car carriers on the Great Lakes which operate under Part III of the Interstate Commerce Act; and rail-car carriers between points in the contiguous 48 States or in Canada on the one hand and Alaska on the other.)

For Parts 1 through 4, and Section 1 of Part 5, ton-mileage data are computed by the Corps of Engineers to reflect movements on rivers, inland waterways, and waters of the Great Lakes System only. Carriage of deep-sea vessels both in the foreign and domestic trades are included only for that portion of the voyage that occurred on inland rivers, canals, or connecting channels. Thus, for a movement of commodities from Boston, Massachusetts, to New Orleans, Louisiana, ton-miles are computed for the haul on the Cape Cod Canal-if this canal was transited during the trip-and for the haul on the Mississippi River; the carriage on the ocean and Gulf of Mexico is not taken into account. In Section 3 of Part 5, ton-mileage data are based on the entire haul for the domestic traffic.

TERMS FOR KIND OF TRAFFIC

Imports and exports.--These terms apply to traffic between the United States and Foreign ports, including the Canal Zone. Traffic of U.S. Great Lakes ports with Canada is supplemented by the term "Canadian" to differentiate it from overseas traffic.

Coastwise receipts and shipments.--These terms apply to domestic traffic receiving a carriage over the ocean, or the Gulf of Mexico, e.g. New Orleans to Baltimore, New York to Puerto Rico, San Francisco to Hawaii, Puerto Rico to Hawaii. Traffic between Great Lakes ports and seacoast ports, when having a carriage over the ocean, is also termed "coastwise." The Chesapeake Bay and Puget Sound are considered internal bodies of water rather than arms of the ocean and therefore traffic confined to these areas is "internal" rather than "coastwise."

WATERBORNE COMMERCE OF THE UNITED STATES, 1960

Lake-wise receipt and shipments.—These terms apply to traffic between United States ports on the Great Lakes System. The Great Lakes System is treated as a separate system rather than as a part of the inland system.

Internal receipts and shipments.—These terms apply to traffic between ports or landings wherein the entire movement takes place on inland waterways. Also termed internal are movements involving carriage on both inland waterways waters of the Great Lakes; inland movements that cross short stretches of open waters which link inland systems; marine products, sand and gravel taken directly from beds of the oceans, the Gulf of Mexico and important arms thereof; and movements between offshore installations and inland waterways.

Local.—Movements of freight within the confines of a port whether the port has only one or several arms or channels, except car-ferry and general ferry, are termed "local." The term is also applied to marine products, sand, and gravel taken directly from the Great Lakes.

Intrateritory receipts and shipments.—These terms apply to traffic between ports in Puerto Rico and the Virgin Islands, U.S.A which are considered as a single unit.

SECTION 2 of this publication presents on an area-to-area basis the tonnages of principal commodities transported by vessels in the domestic inland waterway trade of the United States. For each commodity, the total for the United States (total of all shipping areas), the total shipped from each shipping area, and the total from each shipping area to each receiving area (destination) are shown in the tables. The origin and destination areas are defined in terms of waterways, incorporating minor tributaries, and in some instances, major ports, which are not susceptible to inclusion in a single waterway. The area designations are designed to avoid disclosure of individual company operations.

These data cover those movements confined to the inland waterways and between the inland waterways and United States ports on the Great Lakes, they combine the totals of internal and local types of traffic as defined above. Collectively, the selected commodities included account for 75.7 percent of the total domestic inland traffic.

SECTION 3 presents the performance of the water carrier industry in terms of ton-miles on a type of service basis and provides detailed data on types of traffic and commodities transported in the domestic trades, also in terms of ton-miles during 1960. Water carriage ton-miles were first compiled and published for 1962. However, somewhat comparable data were released for 1961. The 1961 compilations were made on a carrier (ICC regulated and exempt) basis rather than by type of service; regulated carriers may engage in more than one type of service.

Preparation and publication of these data were sponsored by the Office of Statistical Policy, Office of Management and Budget, in response to numerous requests received from congressional, federal and private agencies.

Ton miles were computed by the Corps of Engineers based on origin/destination of commodity tonnages reported by vessel operators on Office of Management and Budget approved EMC Form 3925 and related forms; these forms were submitted to the Corps for the compilation of port and waterway statistics published in Parts 1 to 5 of "Waterborne Commerce of the United States." Distance factors used are in statute miles and, for the Coastwise trade, represent mileage on the shortest route that safe navigation permits between ports of origin and destination. The factors for this trade were developed from United States Coast and Geodetic Survey's "Distances Between United States Ports" and United States Navy Hydrographic Office's "Table of Distances Between Ports." For rivers and inland waterways, distance factors were developed from waterway survey maps and records of the Corps of Engineers and are based on the actual routes reported by vessel operators on the reporting forms.

Type of service (carriage) is based on information supplied by vessel operators on the reporting forms, which were modified for the 1962 statistics to obtain this information. Categories of service are: (1) Regulated, which is common and contract carriage subject to economic regulation by the Interstate Commerce Commission. (2) Exempt, for hire, carriage which is exempt from regulation by the Commission because of specific provisions in Part III, Interstate Commerce Act: (3) Private, which represents the movement of the property of the water carrier in the vessels it operates; this category is also exempt from regulation by the Commission.

The commodities are listed in terms of the Commodity Classification for Domestic Waterborne Commerce used in all 5 parts of the Corps of Engineers' annual publication, "Waterborne Commerce of the United States." Types of traffic are also the same as those reported and defined above. Both traffic and commodity ton-miles in this section bear a direct relationship to the corresponding tonnages reported in Table 2 of Section 1, consequently, the ton-mile data herein are based on the same February 28 cutoff date used in the compilation of the tonnage data.

Total ton-miles for all types of traffic shown in Table 1 of this section are considerably higher than the total shown in Table 6 of Section 1. The difference is entirely in Coastwise traffic, since the total distance, both inland and ocean, was used in developing data presented in this section, whereas only the inland portion is included in tables comprising Section 1. Both of these tables include ton-miles for the foreign trade of the U.S. in U.S. flag as well as foreign flag vessels; however, the computation is limited to the distance transported on the Great Lakes between the head of the Lakes at Duluth/Superior and the international boundary at St. Regis, Quebec, Canada, and on the inland waterways of the U.S. and the entrance channels to U.S. coastal ports; this foreign traffic is not subject to economic regulation by the Interstate Commerce Commission.

All totals of both columns and rows, all averages, and all percentages are based on figures before rounding to thousands. Hence slight differences appear between the totals shown in the sum of the rounded figures in columns and rows, in the percentages, and in the average hauls when compared with the quotients derived by dividing the ton-miles by the rounded or unrounded tons shown in either this section or in Section 1.

COMMODITY CLASSIFICATION FOR DOMESTIC WATERBORNE COMMERCE

Note: The commodity descriptions used in the statistical tables in this publication are abbreviated forms-to conserve printing space-of the following commodities:

Code No.	Item Name	Code No.	Item Name
Group 01-Farm Products		Group 21-Tobacco Products	
0101	Cotton, raw	2111	Tobacco manufactures
0102	Barley and rye	Group 22-Basic Textiles	
0103	Corn	2211	Basic textile products, except textile fibers
0104	Oats	2212	Textile fibers not elsewhere classified
0105	Rice	Group 23-Apparel and Other Finished Textile Products Including Knit	
0106	Sorghum Grains	2311	Apparel and other finished textile products, including knit
0107	Wheat	Group 24-Lumber and Wood Products Except Furniture	
0111	Soybeans	2411	Logs
0112	Flaxseed	2412	Rafted logs
0119	Oilseeds, not elsewhere classified	2413	Fuel wood, charcoal, and wastes
0121	Tobacco, leaf	2414	Timber, posts, poles, piling, and other wood in the rough
0122	Hay and fodder	2415	Pulpwood, log
0129	Field crops, not elsewhere classified	2416	Wood chips, staves, moldings, and excelsior
0131	Fresh fruits, including imported bananas and plantains	2421	Lumber
0132	Bananas and plantains	2431	Veneer, plywood, and other worked wood
0133	Coffee, green and roasted (including instant)	2491	Wood manufactures, not elsewhere classified
0134	Cocoa beans	Group 25-Furniture and Fixtures	
0141	Fresh and frozen vegetables	2511	Furniture and fixtures
0151	Live animals (livestock) except zoo animals, cats, dogs, etc.	Group 26-Pulp, Paper and Allied Products	
0161	Animals and animal products, not elsewhere classified	2611	Pulp
0191	Miscellaneous farm products	2621	Standard newsprint paper
Group 06-Forest Products		2631	Paper and paperboard
0641	Crude rubber and allied gums	2691	Pulp, paper and paperboard products, not elsewhere classified
0661	Forest products, not elsewhere classified	Group 27-Printed Matter	
Group 09-Fresh Fish and Other Marine Products		2711	Printed matter
0911	Fresh fish, except shellfish	Group 28-Chemicals and Allied Products	
0912	Shellfish, except prepared or preserved	2810	Sodium hydroxide (caustic soda)
0913	Menhaden	2811	Crude products from coal tar, petroleum, and natural gas, except benzene and toluene
0931	Marine shells, unmanufactured	2812	Dyes, organic pigment, dyeing and tanning materials
Group 10-Metallic Ores		2813	Alcohols
1011	Iron ore and concentrates	2816	Radioactive and associated materials, including wastes
1021	Copper ore and concentrates	2817	Benzene and toluene, crude and commercially pure
1051	Bauxite and other aluminum ores and concentrates	2818	Sulphuric acid
1061	Manganese ores and concentrates	2819	Basic chemicals and basic chemical products, not elsewhere classified
1091	Nonferrous metal ores and concentrates, not elsewhere classified	2821	Plastic materials, regenerated cellulose and synthetic resins, including film, sheeting, and laminates
Group 11-Coal		2822	Synthetic rubber
1121	Coal and lignite	2823	Synthetic (man-made) fiber
Group 13-Crude Petroleum		2831	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations)
1311	Crude petroleum	2841	Soap, detergents, and cleaning preparations; perfumes, cosmetics, and other toilet preparations
Group 14-Nonmetallic Minerals, Except Fuels		2851	Paints, varnishes, lacquers, enamels, and allied products
1411	Limestone flux and calcareous stone	2861	Gum and wood chemicals
1412	Building stone, unworked	2871	Nitrogenous chemical fertilizers, except mixtures
1442	Sand, gravel and crushed rock	2872	Potassic chemical fertilizers, except mixtures
1451	Clay, ceramic and refractory materials	2873	Phosphoric chemical fertilizers, except mixtures
1471	Phosphate rock	2876	Insecticides, fungicides, pesticides, and disinfectants
1479	Natural fertilizer materials, not elsewhere classified	2879	Fertilizers and fertilizer materials, not elsewhere classified
1491	Salt	2891	Miscellaneous chemical products
1492	Sulphur, dry	Group 29-Petroleum and Coal Products	
1493	Sulphur, liquid	2911	Gasoline, including natural gasoline
1494	Gypsum, crude and plasters	2912	Jet fuel
1499	Nonmetallic minerals, except fuels, not elsewhere classified	2913	Kerosene
Group 19-Ordnance and Accessories		2914	Distillate fuel oil
1911	Ordnance and accessories	2915	Residual fuel oil
Group 20-Food and Kindred Products		2916	Lubricating oils and greases
2011	Meat, fresh, chilled, or frozen	2917	Naphtha, mineral spirits, solvents, not elsewhere classified
2012	Meat and meat products prepared or preserved, including canned meat products	2918	Asphalt, tar, and pitches
2014	Tallow, animal fats and oils	2920	Coke, including petroleum coke
2015	Animal by-products, not elsewhere classified	2921	Liquefied petroleum gases, coal gases, natural gas, and natural gas liquids
2021	Dairy products, except dried milk and cream	2951	Asphalt building materials
2022	Dried milk and cream	2991	Petroleum and coal products, not elsewhere classified
2031	Fish and fish products, including shellfish, prepared or preserved	Group 30-Rubber and Miscellaneous Plastics Products	
2034	Vegetables and preparations, canned and otherwise prepared or preserved	3011	Rubber and miscellaneous plastics products
2039	Fruits, and fruit and vegetable juices, canned and otherwise prepared or preserved	Group 31-Leather and Leather Products	
2041	Wheat flour and semolina	3111	Leather and leather products
2042	Animal feeds		
2049	Grain mill products, not elsewhere classified		
2061	Sugar		
2062	Holsteins		
2081	Alcoholic beverages		
2091	Vegetable oils, all grades; margarine and shortening		
2092	Animal oils and fats, not elsewhere classified, including marine		
2094	Groceries		
2095	Ice		
2099	Miscellaneous food products		

Code No.	Item Name
Group 32-Stone, Clay, Glass and Concrete Products	
3211	Glass and glass products
3241	Building cement
3251	Structural clay products, including refractories
3271	Lime
3281	Cut stone and stone products
3291	Miscellaneous nonmetallic mineral products
Group 33-Primary Metal Products	
3311	Pig iron
3312	Slag
3313	Coke (coal and petroleum), petroleum pitches and asphalts, and naphtha and solvents
3314	Iron and steel ingots, and other primary forms, including blanks for tube and pipe, and sponge iron
3315	Iron and steel bars, rods, angles, shapes and sections, including sheet piling
3316	Iron and steel plates and sheets
3317	Iron and steel pipe and tube
3318	Ferrous alloys
3319	Primary iron and steel products, not elsewhere classified including castings in the rough
3321	Nonferrous metals primary smelter product, basic shapes, wire castings and forgings, except copper, lead, zinc and aluminum
3322	Copper and copper alloys, whether or not refined, unworked
3323	Lead and zinc including alloys, unworked
3324	Aluminum and aluminum alloys, unworked
Group 34-Fabricated Metal Products, Except Ordnance, Machinery and Transportation Equipment	
3411	Fabricated metal products, except ordnance, machinery, and transportation equipment
Group 35-Machinery, Except Electrical	
3511	Machinery, except electrical
Group 36-Electrical Machinery, Equipment and Supplies	
3611	Electrical machinery equipment and supplies

Code No.	Item Name
Group 37-Transportation Equipment	
3711	Motor vehicles, parts and equipment
3721	Aircraft and parts
3731	Ships and boats
3791	Miscellaneous transportation equipment
Group 38-Instruments, Photographic and Optical Goods, Watches and Clocks	
3811	Instruments, photographic and optical goods, watches and clocks
Group 39-Miscellaneous Products of Manufacturing	
3911	Miscellaneous products of manufacturing
Group 40-Waste and Scrap Materials	
4011	Iron and steel scrap
4012	Nonferrous metal scrap
4022	Textile waste, scrap, and sweepings
4024	Paper waste and scrap
4029	Waste and scrap, not elsewhere classified
Group 41-Special Items	
4111	Water
4112	Miscellaneous shipments not identifiable by commodity
4113	LCL freight
4118	Materials used in waterway improvement, Government materials
4119	Empty containers
9999*	Department of Defense controlled cargo and special category items

*Cargoes exported on Department of Defense controlled vessels (other than goods for the use of U.S. Armed Forces abroad) and non-Department of Defense shipments of military component items (abbreviated SCI) for which commodity detail is not furnished to the Corps of Engineers.

Section 1
NATIONAL SUMMARIES

Total waterborne commerce of the United States experienced a decrease for the first time since 1975, due primarily to reduced imports. Commerce in 1980 amounted to 1,999 billion tons, a decrease of 74.9 million tons or 3.6 percent below the 1979 total of 2,074 billion tons. Ton-miles on the other hand recorded a significant increase from 931.8 billion ton-miles in 1979 to 1,015.6 billion ton-miles in 1980, an increase of 84.1 billion ton-miles or 9.0 percent. The increase in ton-miles results from the increase in coastwise tonnage which is carried long distances versus the decrease in internal traffic which is moved shorter distances. The increase of 15 million tons of crude oil moving from Valdez, Alaska, to Panama accounted for 86 billion coastwise ton-miles.

Domestic commerce decreased only 0.3 percent, from the 1,080 billion tons recorded for 1979 to 1,077 billion tons in 1980. Lakewise domestic traffic experienced a 19.8 percent decrease from 143.6 million tons in 1979 to 115.1 million tons in 1980. Coastwise trade (i.e. domestic ocean movements) increased from 304.7 million tons in 1979 to 329.6 million tons in 1980, a gain of 8.2 percent. Internal and local traffic combined (i.e. predominantly barge movements between localities on inland waterways and within ports) increased from 628.1 million tons in 1979 to 629.2 million tons in 1980, an increase of 1.1 million tons or 0.2 percent. Intraterrestrial traffic decreased from 4.0 million tons in 1979 to 3.6 million tons in 1980.

Foreign traffic experienced a decrease of 72.0 million tons or 7.2 percent, declining from a total of 993.4 million tons in 1979 to 921.4 million tons in 1980. The 72.0 million ton decrease in foreign traffic accounted for 96.1 percent of the total waterborne commerce loss of 74.9 tons recorded in 1980. Imports in 1980 totaled 517.5 million tons reflecting a decrease of 115.5 million tons or 18.2 percent as compared with the 1979 total of 633.0 million tons. The decrease in crude oil imports alone amounted to 73.2 million tons.

Export traffic recorded an increase in 1980. Exports increased by 43.5 million tons or 12.0 percent for a total of 403.9 million tons in 1980 as compared with a total of 360.4 million tons in 1979. Imports through coastal ports decreased 105.9 million tons for a 1980 total of 502.0 million tons whereas exports through coastal ports increased 47.0 million tons for a total of 358.8 million tons for 1980. Imports from Canadian Great Lakes ports declined 6.0 million tons or 31.0 percent. Exports to Canadian Great Lakes ports declined 0.8 million tons or 2.0 percent. Imports from overseas - via the St. Lawrence Seaway - to Great Lakes ports decreased 3.5 million tons and overseas exports also declined 2.8 million tons.

The total of 406.9 billion ton-miles recorded for the inland waterways in 1980 was comprised of 96.0 billion on the Great Lakes, 228.9 billion on the Mississippi River System, and 81.9 billion on the coastal waterways. Ton-miles increased 4.6 percent on the Mississippi River System, decreased 4.7 percent on the Atlantic Coast Waterways, decreased 21.0 percent on the Great Lakes System, increased 5.1 percent on the Pacific Coast Waterways System, and increased 5.8 percent on the Gulf Coast Waterways.

The decrease in total waterborne commerce reflected percentage share changes in basically two major commodity groups - "petroleum and products" with a decrease of 2.2 percent, and "iron ore and iron & steel" with a 1.1 percent decrease. Minor (less than 1.0 percent) fluctuations occurred on other groups as indicated in the tabulations below.

Foreign commerce reflected a significant percentage share decrease of 6.2 percent in the "Petroleum and products" group. Conversely, "Coal and coke" experienced a 3.0 percent increase and "Grains" experienced a 1.7 percent increase. Small percentage fluctuations (less than 1.0 percent) occurred in all other foreign commerce group classifications. Domestic commerce registered percentage share decreases of 1.8 percent in the "iron ore and iron & steel" and 1.2 percent in the "Grains" commodity classification. The "Petroleum and product" classification increased 1.7 percent. All other domestic commodity group classifications showed small percentage fluctuations.

In 1980 the proportion of the total domestic waterborne cargo moved in barges (non-self propelled vessels) was 61.9 percent. Since 1971 barges have consistently carried in excess of 60 percent of domestic waterborne traffic. In 1980 barges carried 22.8 percent of the total coastwise commerce, an increase of 1.8 percent over 1979. The percentage of Lake-wise barge traffic to total Lakewise commerce was 4.7 percent an increase of 1.4 percent. Barged commerce comprised 93.5 percent of the total internal traffic, a loss of 0.4 percent. Eighty-eight and one half percent of total local traffic was barge movements, a 1.0 percent increase from 1979; intraterrestrial barge traffic decreased 0.4 percent and consisted of 93.9 percent of total intraterrestrial traffic. Total barge traffic, in 1980, amounted to 667.2 million tons of the total 1,077.5 billion tons of all domestic commerce.

Principal Commodities in Waterborne Commerce, Years 1979 and 1980

	In Total Commerce		In Foreign Commerce		In Domestic Commerce	
	Foreign and Domestic					
	1979	1980	1979	1980	1979	1980
	percent	percent	percent	percent	percent	percent
Petroleum and products	46.5	44.3	47.2	41.0	45.5	47.2
Coal and coke	11.9	13.6	8.3	11.3	15.2	15.6
Iron ore, iron and steel	7.8	6.7	6.9	6.4	8.7	6.9
Sand, gravel and stone	5.5	5.0	1.4	1.6	9.1	7.9
Grains	7.3	8.3	11.2	12.9	3.8	4.3
Logs and lumber	2.7	2.6	3.4	3.2	2.2	2.1
Chemicals	5.5	5.8	5.5	6.1	5.5	5.5
Seashells	0.4	0.5	0.0	0.0	0.8	0.9
All other commodities	12.4	13.2	15.9	17.5	9.2	9.6
	100.0	100.0	100.0	100.0	100.0	100.0

NATIONAL SUMMARIES

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TABLE 1--NET TOTAL WATERBORNE COMMERCE OF THE UNITED STATES, CALENDAR YEARS 1947-1980

(IN TONS OF 2,000 POUNDS)

YEAR	FOREIGN AND DOMESTIC, TOTAL	FOREIGN TOTAL	DOMESTIC TOTAL
1947	766,816,730	186,298,115	578,568,615
1948	793,280,465	162,971,591	630,228,874
1949	740,728,971	165,398,281	575,362,690
1950	820,583,971	169,224,695	651,358,876
1951	924,128,411	232,059,832	692,072,579
1952	887,721,984	227,326,277	660,395,707
1953	923,847,693	217,394,469	706,451,224
1954	867,648,207	213,844,290	653,795,917
1955	1,016,135,789	271,102,932	745,032,853
1956	1,092,912,924	326,689,789	766,223,135
1957	1,131,401,434	358,539,550	772,861,884
1958	1,004,513,776	308,890,798	695,664,978
1959	1,052,402,102	325,689,919	726,732,183
1960	1,099,850,431	339,277,275	760,573,156
1961	1,062,155,182	329,329,818	732,825,364
1962	1,129,404,375	356,599,030	772,805,345
1963	1,173,766,964	385,698,999	788,107,965
1964	1,238,093,973	421,925,133	816,168,440
1965	1,272,896,243	443,726,809	829,169,434
1966	1,334,116,078	471,391,683	862,724,095
1967	1,336,606,078	465,972,238	870,633,840
1968	1,395,839,450	507,950,602	887,888,448
1969	1,448,711,941	521,312,362	927,399,179
1970	1,531,696,507	580,909,133	950,727,374
1971	1,512,583,690	565,985,584	946,598,106
1972	1,616,792,605	629,988,844	986,811,761
1973	1,761,552,010	767,393,903	994,158,107
1974	1,746,788,544	764,088,905	982,699,639
1975	1,695,034,366	748,707,407	946,326,959
1976	1,835,006,819	855,963,909	979,042,910
1977	1,908,223,619	935,256,813	972,966,806
1978	2,021,349,754	946,057,889	1,075,291,865
1979	2,073,757,628	993,444,963	1,080,312,665
1980	1,998,887,402	921,484,000	1,077,483,402

TABLE 1A--FOREIGN COMMERCE OF THE UNITED STATES, CALENDAR YEARS 1947-1980

(IN TONS OF 2,000 POUNDS)

YEAR	IMPORTS				EXPORTS				
	TOTAL	COASTAL PORTS	GREAT LAKES PORTS		TOTAL	COASTAL PORTS	GREAT LAKES PORTS		
			CANADIAN	OVERSEAS			CANADIAN	OVERSEAS	OTHER*
1947	62,162,169	57,365,892	4,773,223	23,054	126,093,946	101,995,508	24,054,718	43,720	-----
1948	72,297,097	68,077,704	4,172,628	46,765	90,674,494	65,403,800	25,227,288	43,406	-----
1949	81,992,016	77,193,266	4,774,784	63,966	83,366,265	65,739,775	17,592,872	73,618	-----
1950	101,981,918	96,299,288	5,555,427	127,203	67,242,777	43,640,100	23,498,355	84,874	19,448
1951	108,747,297	101,812,749	6,827,294	107,234	123,308,539	97,602,937	25,573,918	103,667	28,413
1952	113,961,025	108,674,301	7,152,087	134,637	111,385,252	85,072,313	26,129,081	114,679	49,179
1953	127,981,487	120,594,892	7,056,629	329,886	89,415,082	63,780,288	25,415,354	160,663	58,777
1954	129,423,809	123,563,218	5,748,884	171,707	84,420,481	65,243,997	18,928,694	209,587	38,201
1955	152,956,947	144,276,212	8,434,125	246,610	118,149,985	99,404,261	22,339,779	288,371	53,574
1956	176,216,360	163,348,893	10,572,643	292,824	132,479,429	126,448,189	25,710,863	281,334	35,043
1957	186,351,843	176,235,956	9,085,526	230,361	172,187,707	146,889,737	24,983,574	288,273	26,123
1958	189,484,591	181,480,343	7,655,590	347,618	119,366,247	101,554,806	17,429,825	360,159	21,457
1959	213,483,323	198,607,603	13,794,435	1,083,285	112,184,616	91,629,487	17,700,427	2,833,118	21,584
1960	211,316,497	198,465,746	11,973,635	877,116	127,960,778	104,810,455	19,168,914	3,981,809	-----
1961	200,165,692	188,179,228	11,007,197	979,227	129,164,166	105,959,031	18,801,897	4,403,278	-----
1962	222,689,941	207,040,920	14,487,847	1,161,774	135,989,089	110,492,248	20,484,581	4,932,260	-----
1963	227,378,671	209,369,931	16,495,342	1,510,798	198,283,328	129,781,571	24,455,139	4,646,618	-----
1964	248,583,718	224,433,206	22,118,397	2,034,112	173,339,418	142,874,452	24,866,892	5,996,074	-----
1965	269,634,819	244,874,087	21,059,701	3,901,031	173,891,990	142,121,011	25,692,778	6,078,209	-----
1966	283,647,300	257,173,478	22,585,271	4,088,551	187,543,783	155,759,371	24,905,662	6,876,750	-----
1967	279,969,191	248,245,275	23,269,404	4,450,512	190,007,047	162,443,124	21,896,595	5,667,328	-----
1968	310,936,331	278,826,933	25,658,847	6,450,551	197,013,671	166,579,691	24,444,154	5,989,826	-----
1969	320,293,084	295,547,991	19,770,247	4,874,846	201,019,278	168,944,254	25,235,738	6,839,294	-----
1970	339,339,772	312,933,583	21,820,193	4,585,996	241,629,361	205,697,712	29,146,465	6,785,164	-----
1971	359,749,840	333,776,713	19,104,708	6,864,419	206,239,744	172,758,807	24,757,317	8,723,620	-----
1972	397,569,612	372,417,770	18,861,884	6,286,758	232,415,232	197,438,445	25,352,494	9,632,291	-----
1973	490,080,015	461,828,145	22,988,904	5,270,966	277,305,888	238,807,667	28,435,708	10,062,713	-----
1974	497,282,811	473,940,012	19,027,376	4,315,423	264,806,094	238,686,754	23,342,976	4,776,370	-----
1975	476,572,516	455,117,218	18,121,866	3,333,432	272,134,891	236,707,996	28,707,321	6,719,574	-----
1976	576,318,893	539,674,048	25,845,506	4,799,339	285,645,016	250,632,668	30,961,680	6,961,668	-----
1977	658,136,893	625,308,679	25,416,264	7,411,950	277,119,920	240,784,157	27,741,897	8,593,906	-----
1978	643,186,863	616,140,827	19,916,819	7,129,217	302,871,026	259,316,637	30,961,680	12,592,913	-----
1979	632,999,657	607,898,526	19,450,918	5,646,213	368,448,308	311,786,293	37,964,841	10,698,172	-----
1980	517,921,121	502,005,866	13,414,209	2,101,030	403,882,878	358,805,981	37,216,888	7,860,310	-----

* DEPARTMENT OF DEFENSE CONTROLLED CARGO AND SPECIAL CATEGORY COMMODITIES FOR WHICH BREAKDOWN BY CANADIAN AND OVERSEAS IS NOT AVAILABLE PRIOR TO 1960.

WATERBORNE COMMERCE OF THE UNITED STATES, 1980

TABLE 18--DOMESTIC COMMERCE OF THE UNITED STATES, CALENDAR YEAR 1947-1980

(IN TONS OF 2,000 POUNDS)

YEAR	TOTAL	COASTWISE	LAKEWISE	INTERNAL	INTRAPORT	LOCAL	INTRATERRITORY
1947	578,560,415	153,090,204	163,180,337	149,814,401	57,410,975	55,257,098	•
1948	630,228,874	174,080,850	172,490,721	169,697,866	58,944,696	55,014,741	•
1949	575,362,690	161,430,662	145,591,636	165,702,829	48,323,356	54,314,207	•
1950	651,358,876	182,543,761	169,880,810	190,788,910	51,703,560	55,202,362	1,239,473
1951	692,072,979	186,759,124	178,463,212	218,404,964	50,952,725	61,075,892	1,416,662
1952	660,395,707	184,207,806	154,112,031	216,644,384	49,182,353	54,790,101	1,459,832
1953	706,151,204	188,757,841	188,621,385	224,957,448	47,002,038	54,659,693	1,252,999
1954	653,795,911	187,239,830	145,364,309	217,061,457	48,040,411	54,678,958	1,410,952
1955	745,032,853	195,717,548	184,808,588	249,693,298	52,000,516	59,962,696	1,950,807
1956	766,223,135	205,910,228	173,990,696	269,734,055	53,064,701	61,298,859	2,224,636
1957	772,861,884	196,410,953	182,150,309	281,065,531	50,188,261	60,636,183	2,403,647
1958	695,664,978	194,050,174	132,288,549	261,068,849	48,882,176	56,542,798	2,832,432
1959	726,732,163	205,509,811	131,220,380	282,268,792	49,683,204	57,063,392	•••
1960	760,973,156	209,196,823	155,109,237	291,056,655	49,471,054	54,722,392	1,016,995
1961	732,825,364	206,899,377	136,841,146	294,052,123	43,197,871	50,731,199	1,103,648
1962	770,805,845	215,460,882	135,743,781	316,061,877	47,118,437	54,358,792	1,261,576
1963	788,107,965	213,853,293	141,741,152	331,902,484	49,575,094	53,489,530	1,630,412
1964	816,168,440	209,687,985	151,404,816	357,916,216	43,807,165	56,572,257	1,580,199
1965	829,169,434	201,508,107	153,695,242	369,615,461	•••	102,069,822	1,489,682
1966	862,724,995	208,374,966	164,036,995	389,851,631	•••	99,214,579	1,246,824
1967	870,633,840	214,646,527	153,596,694	398,592,679	•••	102,320,054	1,477,896
1968	887,889,448	214,250,935	151,115,936	436,174,303	•••	70,738,736	1,618,338
1969	927,399,179	218,707,773	160,843,835	460,944,875	•••	87,536,483	1,366,213
1970	950,727,374	238,440,385	157,858,847	472,123,447	•••	81,474,865	1,629,900
1971	946,898,106	242,916,856	140,954,996	479,217,765	•••	91,252,452	2,256,677
1972	986,811,761	242,660,887	145,013,420	506,989,242	•••	90,268,695	1,882,917
1973	994,158,107	236,794,660	156,620,831	503,236,890	•••	93,282,623	4,283,103
1974	982,699,639	233,358,124	146,067,270	511,821,978	•••	88,197,576	4,054,691
1975	946,326,959	231,932,437	129,331,161	503,932,258	•••	78,278,224	2,851,879
1976	979,942,910	236,275,624	132,112,775	523,972,573	•••	83,731,092	2,947,846
1977	972,966,806	248,083,336	109,079,945	528,704,658	•••	83,444,472	3,654,395
1978	1,075,291,865	305,342,824	142,662,552	536,508,943	•••	89,506,584	3,270,962
1979	1,080,312,665	304,665,922	143,563,644	534,969,167	•••	93,113,665	4,000,667
1980	1,077,483,402	329,608,613	115,124,231	534,979,027	•••	94,183,696	3,587,835

• INCLUDED IN OTHER TYPES OF DOMESTIC TRAFFIC.
 •• BEGINNING WITH 1959 EXCLUDES TRAFFIC WITHIN THE STATES OF ALASKA AND HAWAII; SUCH TRAFFIC IS INCLUDED IN OTHER DOMESTIC TRAFFIC CATEGORIES IN ACCORDANCE WITH DEFINITIONS APPLICABLE TO CONTINENTAL UNITED STATES.
 ••• INCLUDED IN LOCAL.

NATIONAL SUMMARIES

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TABLE 2--SUMMARY OF FOREIGN AND DOMESTIC WATERBORNE COMMERCE, BY TYPE OF TRAFFIC AND COMMODITY, CALENDAR YEAR 1960
(NET TRAFFIC IN TONS OF 2,000 POUNDS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC					INTRA-TERRITORY
		IMPORTS	EXPORTS	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL	
TOTAL, ALL COMMODITIES-----	1,996,887,402	517,521,121	463,882,879	1,077,403,402	329,600,613	115,124,231	534,979,827	96,163,696	3,507,835
FARM PRODUCTS									
0101 COTTON, RAW-----	2,015,552	1,060	2,008,567	5,917	4,151	---	1,766	---	---
0102 BARLEY AND RYE-----	1,784,950	10,247	1,517,509	257,194	5,045	119,407	131,942	---	---
0103 CORN-----	98,693,060	29,592	47,814,582	38,857,886	295,992	---	38,483,991	77,983	---
0104 OATS-----	7,489,449	78	7,312,663	176,688	---	3,204	173,484	---	---
0109 RICE-----	3,756,719	2,797	3,272,096	481,906	127,174	---	351,765	---	2,967
0106 SORGHUM GRAINS-----	419,524	---	---	419,524	---	---	419,489	---	---
0107 WHEAT-----	53,439,987	17	39,103,889	14,336,963	253,264	1,446,484	12,985,253	91,954	---
0111 SOYBEANS-----	39,654,914	150	23,533,701	16,120,983	3,636	---	15,953,693	164,256	---
0119 OILSEEDS, NEC-----	1,922,260	43	---	43	---	---	---	---	---
0121 TOBACCO, LEAF-----	950,525	15,829	1,788,351	148,866	4,680	---	144,186	---	---
0122 HAY AND FODDER-----	24,267	---	---	24,267	6,372	---	17,489	---	2
0129 FIELD CROPS, NEC-----	115,160	50,645	54,112	18,403	5,966	3,459	978	---	---
0131 FRESH FRUITS AND TREE NUTS-----	4,469,408	2,959,257	1,100,867	325,264	316,603	643	---	---	7,810
0132 BANANAS AND PLANTAINS-----	4,270	---	4,262	8	---	---	---	---	4
0133 COFFEE-----	1,330,677	1,149,924	25,432	159,321	41,093	---	8,874	189,354	---
0134 COCOA BEANS-----	189,405	189,973	5,109	14,423	14,423	---	---	---	---
0141 FRESH AND FROZEN VEGETABLES-----	1,028,990	76,675	617,565	334,770	298,966	18,840	9,136	---	7,828
0151 LIVE ANIMALS-----	52,156	27	1,567	56,556	---	---	56,480	---	12
0161 ANIMALS AND PRODUCTS, NEC-----	226,265	72,139	118,107	36,019	22,392	125	13,942	---	---
0191 MISCELLANEOUS FARM PRODUCTS-----	48,110	25,390	12,953	9,775	4,679	---	156	---	---
FOREST PRODUCTS									
0801 CRUDE RUBBER AND ALLIED GUNS-----	816,314	799,287	21,117	4,918	4,684	---	236	---	---
0801 FOREST PRODUCTS, NEC-----	324,826	144,983	26,985	159,338	4,867	15	158,456	---	---
FRESH FISH & OTHER MARINE PRODUCTS									
0911 FRESH FISH, EXCEPT SHELLFISH-----	1,348,218	598,826	149,537	447,855	25,977	951	973,453	29,728	17,754
0912 SHELLFISH, EXCEPT PREPARED-----	738,199	91,431	58,344	588,424	8,692	---	569,869	11,663	---
0913 MENHADEN-----	123,332	---	---	123,332	---	---	123,332	---	---
0921 MARINE SHELLS, UNMANUFACTURED-----	9,241,231	---	---	9,241,231	48	---	8,410,782	830,481	---
METALLIC ORES									
1011 IRON ORE AND CONCENTRATES-----	98,439,351	27,255,050	6,338,745	64,853,556	166	60,374,104	3,037,663	1,441,623	---
1021 COPPER ORE AND CONCENTRATES-----	510,717	52,626	442,255	15,836	18	420	15,398	---	---
1051 ALUMINUM ORES, CONCENTRATES-----	23,481,472	22,113,533	672,608	495,332	---	1,491	493,841	---	---
1061 MANGANESE ORES, CONCENTRATES-----	1,248,470	710,767	26,189	511,594	---	1,472	508,701	1,421	---
1091 NONFERROUS ORES, CONCENT, NEC-----	3,397,580	2,259,012	413,491	734,077	13,765	---	707,232	13,088	---
COAL									
1121 COAL AND LIGNITE-----	256,353,353	894,955	91,339,901	164,110,897	3,705,329	21,900,189	131,647,799	8,665,588	---
CRUDE PETROLEUM									
1311 CRUDE PETROLEUM-----	480,158,888	305,965,362	774	174,198,732	126,581,876	---	41,577,264	6,631,592	---
NONMETALLIC MINERALS, EXCEPT FUELS									
1411 LIMESTONE-----	34,153,815	7,643,120	2,642,261	23,868,434	1,832	19,691,641	3,652,284	521,477	---
1421 BUILDING STONE, UNWORKED-----	42,575	---	34,787	7,448	373	50	---	7,225	---
1431 SAND, GRAVEL, CRUSHED ROCK-----	65,043,303	3,073,216	1,232,777	60,767,310	4,147,543	452,948	49,206,475	8,948,340	---
1491 CLAY-----	9,131,855	3,540,486	2,388,113	1,291,256	15,887	27,224	1,232,568	5,388	---
1471 PHOSPHATE ROCK-----	23,698,596	627,598	13,599,024	9,488,974	8,303,426	---	1,177,548	---	---
1479 NATURAL FERTILIZER MATS, NEC-----	62,127	39,297	---	22,830	22,800	30	---	---	---
1491 SALT-----	5,470,895	4,644,941	825,954	---	---	---	---	---	---
1492 SULPHUR, DRY-----	1,954,669	---	1,932,482	22,207	16,831	---	5,376	---	---
1493 SULPHUR, LIQUID-----	9,749,219	---	---	9,749,219	4,958,145	---	4,511,294	279,780	---
1494 GYPSUM, CRUDE AND PLASTERS-----	747,345	---	---	747,345	21,574	725,771	---	---	---
1499 NONMETALLIC MINERALS, NEC-----	7,380,398	672,517	1,038,469	5,669,412	152,033	565,050	4,903,669	48,657	3
ORDNANCE & ACCESSORIES									
1911 ORDNANCE AND ACCESSORIES-----	27,923	7,960	16,500	3,463	2,424	---	1,039	---	---
FOOD & KINDRED PRODUCTS									
2011 MEAT, FRESH, CHILLED, FROZEN-----	1,686,968	716,351	771,207	199,330	186,822	150	---	---	12,350
2012 MEAT AND PRODUCTS, NEC-----	351,308	222,720	39,343	89,245	86,111	340	2,794	---	---
2014 TALLOW, ANIMAL FATS AND OILS-----	2,019,479	---	1,993,767	425,712	25,371	640	302,874	96,887	---
2015 ANIMAL BY-PRODUCTS, NEC-----	501,427	15,145	464,403	21,799	9,921	3,356	8,522	---	---
2021 DAIRY PRODUCTS, NEC-----	216,983	138,299	14,680	63,994	53,274	10,716	---	---	---
2022 DRIED MILK AND CREAM-----	184,089	16,823	127,256	40,206	37,724	1,350	1,132	---	---
2031 FISH AND SHELLFISH, PREPARED-----	545,060	139,825	57,790	347,425	336,970	9,450	1,005	---	---
2034 VEGETABLES AND PREP, NEC-----	1,005,113	621,697	325,911	257,505	159,922	84,529	12,991	---	63
2039 PREP FRUIT AND VEG JUICE, NEC-----	1,890,439	874,086	527,367	489,066	466,966	19,910	2,127	---	43
2041 WHEAT FLOUR AND SEMOLINA-----	1,088,399	---	872,403	215,996	31,673	28,320	154,563	1,430	10
2042 PREPARED ANIMAL FEEDS-----	18,849,139	96,274	14,288,979	4,463,886	213,435	5,493	4,233,971	9,569	1,410
2049 GRAIN MILL PRODUCTS, NEC-----	8,126,526	76,090	826,925	7,224,701	132,313	55,920	7,010,065	24,776	1,627
2061 SUGAR-----	7,384,683	4,107,332	632,889	2,645,062	1,624,110	2,525	617,050	---	1,361
2062 MOLASSES-----	2,873,487	1,058,666	270,544	790,277	334,441	---	358,983	56,853	---
2081 ALCOHOLIC BEVERAGES-----	2,216,360	1,399,111	236,069	591,180	565,246	2,152	2,210	---	11,572
2091 VEGETABLE OILS, MARG, SHORT-----	4,326,263	761,619	1,928,008	1,636,436	65,993	100	1,243,916	326,423	4
2092 ANIMAL OILS AND FATS, NEC-----	248,466	11,005	145,613	91,786	2,638	---	89,080	23,496	---
2094 BROCKRIES-----	273,098	---	---	273,098	266,449	---	5,909	---	473
2099 ICE-----	117,992	---	---	117,992	---	---	117,994	30	---
2099 MISCELLANEOUS FOOD PRODUCTS-----	2,151,599	633,050	886,498	638,059	568,305	28,401	41,043	---	8,318

* SALT INCLUDED IN NONMETALLIC MINERALS, NEC, TO AVOID DISCLOSURE OF INDIVIDUAL COMPANY OPERATIONS.

WATERBORNE COMMERCE OF THE UNITED STATES, 1960

TABLE 2--SUMMARY OF FOREIGN AND DOMESTIC WATERBORNE COMMERCE, BY TYPE OF TRAFFIC AND COMMODITY, CALENDAR YEAR 1960--CONTINUED
(NET TRAFFIC IN TONS OF 2,000 POUNDS)

COMMODITY	TOTAL	FOREIGN		TOTAL	DOMESTIC				
		IMPORTS	EXPORTS		COASTWISE	LAKEWISE	INTERNAL	LOCAL	INTRA-TERRITORY
TOBACCO PRODUCTS									
2111 TOBACCO MANUFACTURES-----	175,147	17,948	142,224	14,975	14,975				
BASIC TEXTILES									
2211 BASIC TEXTILE PRODUCTS-----	1,487,567	675,881	768,717	42,969	35,496	199	6,973		381
2212 TEXTILE FIBERS, NEC-----	96,082	24,781	49,185	12,196	3,588	247	5,417		2,992
APPAREL & OTHER FINISHED TEXTILE PRODUCTS, INCLUDING KNIT									
2311 APPAREL-----	737,268	948,693	67,947	120,420	120,278			315	27
LUMBER & WOOD PRODS., EXC. FURNITURE									
2411 LOGS-----	14,295,540	193,799	13,361,002	740,788	17,691	17,402	704,801	865	29
2412 RAFTED LOGS-----	16,766,682			16,766,682	31,224		14,738,788	2,084,678	
2413 FUEL WOOD, CHARCOAL, WASTES-----	297,164	105,689	34,455	157,020	5,312		151,687	28	1
2414 TIMBER, POSTS, POLES, PILING-----	190,745	4,457	86,950	99,338	19,025	3,645	75,224	1,417	27
2415 PULPHOOD, LOG-----	1,462,892			1,462,892		31,116	1,431,776		
2416 WOOD CHIPS, STAVES, HOLDINGS-----	11,567,766	1,026,579	8,494,723	2,046,464			1,956,693	89,416	
2421 LUMBER-----	5,417,509	1,827,725	2,361,429	1,028,355	801,042	53,047	170,261	3,011	994
2431 VENEER, PLYWOOD, WORKED WOOD-----	1,262,888	760,753	284,026	216,109	93,889	86,844	32,776	2,194	488
2491 WOOD MANUFACTURES, NEC-----	732,499	232,736	331,280	168,463	151,797	6,327	18,445		6
FURNITURE & FIXTURES									
2511 FURNITURE AND FIXTURES-----	554,332	340,348	88,937	128,935	111,691	677	1,595		11,672
PULP, PAPER & ALLIED PRODUCTS									
2611 PULP-----	4,949,778	373,208	3,571,527	1,005,043	43,133	15,019	941,654	5,237	
2621 STANDARD NEWSRINT PAPER-----	152,915			152,915	54,347	46,244	52,324		
2631 PAPER AND PAPERBOARD-----	7,071,487	2,030,910	3,958,445	1,682,052	106,898	325,904	646,417	838	
2691 PULP AND PAPER PRODUCTS, NEC-----	1,832,607	43,588	346,656	1,442,363	277,551	50,111	1,113,586	35	1,000
PRINTED MATTER									
2711 PRINTED MATTER-----	208,674	77,386	113,348	10,140	10,124		15		1
CHEMICALS & ALLIED PRODUCTS									
2810 SODIUM HYDROXIDE-----	4,812,417			4,812,417	1,385,754	34,996	3,124,517	267,150	
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	2,844,275	920,649	330,035	1,593,571	201,497	18,115	1,659,051	388,444	10,464
2812 DYES, PIGMENT, TANNING MATS-----	35,513		29,544	5,969					
2813 ALCOHOLS-----	3,783,273		18,256	3,765,017	1,365,482	4,647	2,226,823	168,660	5
2814 RADIOACTIVE MATERIALS, WASTES-----	17,708	8,595	8,756	349					
2817 BENZENE AND TOLUENE-----	3,966,482			3,966,482	490,567	37,486	2,974,877	863,472	
2818 SULPHURIC ACID-----	2,360,970			2,360,970	135,830		1,688,620	336,583	1,937
2819 BASIC CHEMICALS AND PROD, NEC-----	40,327,376	5,577,122	12,093,019	22,657,235	4,895,781	373,671	16,513,815	840,912	13,056
2821 PLASTIC MATERIALS-----	3,207,531		2,644,067	232,704	60,957	18,062	153,678		7
2822 SYNTHETIC RUBBER-----	478,832		421,274	57,958	943	320	56,295		
2823 SYNTHETIC (MAN-MADE) FIBERS-----	538,698	88,210	448,627	1,861	1,603		258		
2831 DRUGS-----	134,260	47,162	55,398	31,700	30,801				899
2841 SOAP-----	540,637	84,533	310,262	146,042	144,667	217			1,158
2851 PAINTS-----	490,292	333,165	122,217	30,910	31,267		21		3,622
2861 GUM AND WOOD CHEMICALS-----	613,682	184,894	171,154	237,594	61,698		195,896		
2871 NITROGENOUS CHEM FERTILIZERS-----	8,744,097	787,445	3,496,371	4,459,681	671,979	82,288	3,596,554	134,868	
2872 POTASSIUM CHEM FERTILIZERS-----	1,981,493		1,419,301	562,192	198,592	28,911	334,689		
2873 PHOSPHATIC CHEM FERTILIZERS-----	5,230,949	1,221,855	3,401,426	607,468	11,184	33,900	562,384		
2875 INSECTICIDES, DISINFECTANTS-----	184,664		123,112	19,856	14,826	120	110		
2879 FERTILIZER AND MATERIALS, NEC-----	10,097,261	53,479	6,471,383	3,972,399	128,798	2,660	3,367,140	73,778	3
2891 MISCELLANEOUS CHEMICAL PROD-----	2,134,613	359,166	1,100,158	594,495	111,711	145,010	333,552	4,421	1
PETROLEUM & COAL PRODUCTS									
2911 GASOLINE-----	87,343,761	6,101,929	273,957	80,967,875	44,196,300	1,122,432	28,669,688	8,767,789	211,746
2912 JET FUEL-----	11,808,830			11,808,830	8,642,450		183,318	4,217,732	371,265
2913 KEROSENE-----	3,594,891	52,125	3,145	3,538,791	1,864,330	5,499	1,558,917	478,997	29,048
2914 DISTILLATE FUEL OIL-----	74,559,623	2,319,497	142,164	72,097,960	34,325,045		22,546,531	18,736,513	584,145
2915 RESIDUAL FUEL OIL-----	187,962,289	45,992,883	1,045,335	141,384,071	57,471,565	1,588,896	46,072,742	34,950,697	1,220,171
2916 LUBRICATING OILS AND GREASES-----	15,786,147	7,552,136	2,821,319	5,412,692	3,043,692	2,363	2,193,530	173,026	81
2917 NAPHTHA, PETROLEUM SOLVENTS-----	8,274,712			8,274,712	2,808,187	140,389	3,972,103	626,849	687,184
2918 ASPHALT, TAR, AND PITCHES-----	7,750,342	1,281,215	44,218	6,424,909	2,697,543	319,838	2,984,965	422,563	
2920 COKE, PETROLEUM COKE-----	15,930,590	799,769	11,056,500	4,074,261	672	144,045	3,916,903	412,641	
2921 LIQUEFIED GASES-----	5,614,506	3,387,367	1,006,910	1,228,229	231,906	165	929,455	58,463	240
2931 ASPHALT BUILDING MATERIALS-----	71,152		58,132	13,020	12,898	120			7
2991 PETROLEUM AND COAL PROD, NEC-----	4,593,196	191,335	149,539	4,252,282	1,268,100	320	471,472	2,438,179	84,211
RUBBER & MISC. PLASTIC PRODUCTS									
3011 RUBBER AND MISC PLASTIC PROD-----	1,168,231	655,902	411,958	100,371	98,918	620	511		330
LEATHER & LEATHER PRODUCTS									
3111 LEATHER AND LEATHER PRODUCTS-----	539,723	429,046	87,580	23,897	21,267	1,812			18
STONE, CLAY, GLASS, & CONCRETE PROD.									
3211 GLASS AND GLASS PRODUCTS-----	767,504	230,775	413,577	125,152	79,344		42,799	1,088	12
3241 BUILDING CEMENT-----	12,535,170	3,899,405	182,391	8,453,376	1,751,371	2,940,123	3,604,339	163,592	24,841
3251 STRUCTURAL CLAY PRODUCTS-----	713,965	397,318	194,298	122,349	23,903	12,938	89,580		
3271 LIME-----	1,144,016	166	6,742	1,137,086	3,463		1,128,354	30	5,081
3281 CUT STONE AND STONE PRODUCTS-----	144,734	133,151	4,544	7,837	4,703	305	29		
3291 MISC NONMETALLIC MINERAL PROD-----	989,384	323,767	190,226	471,391	238,737	12,245	193,557	5,885	21,647

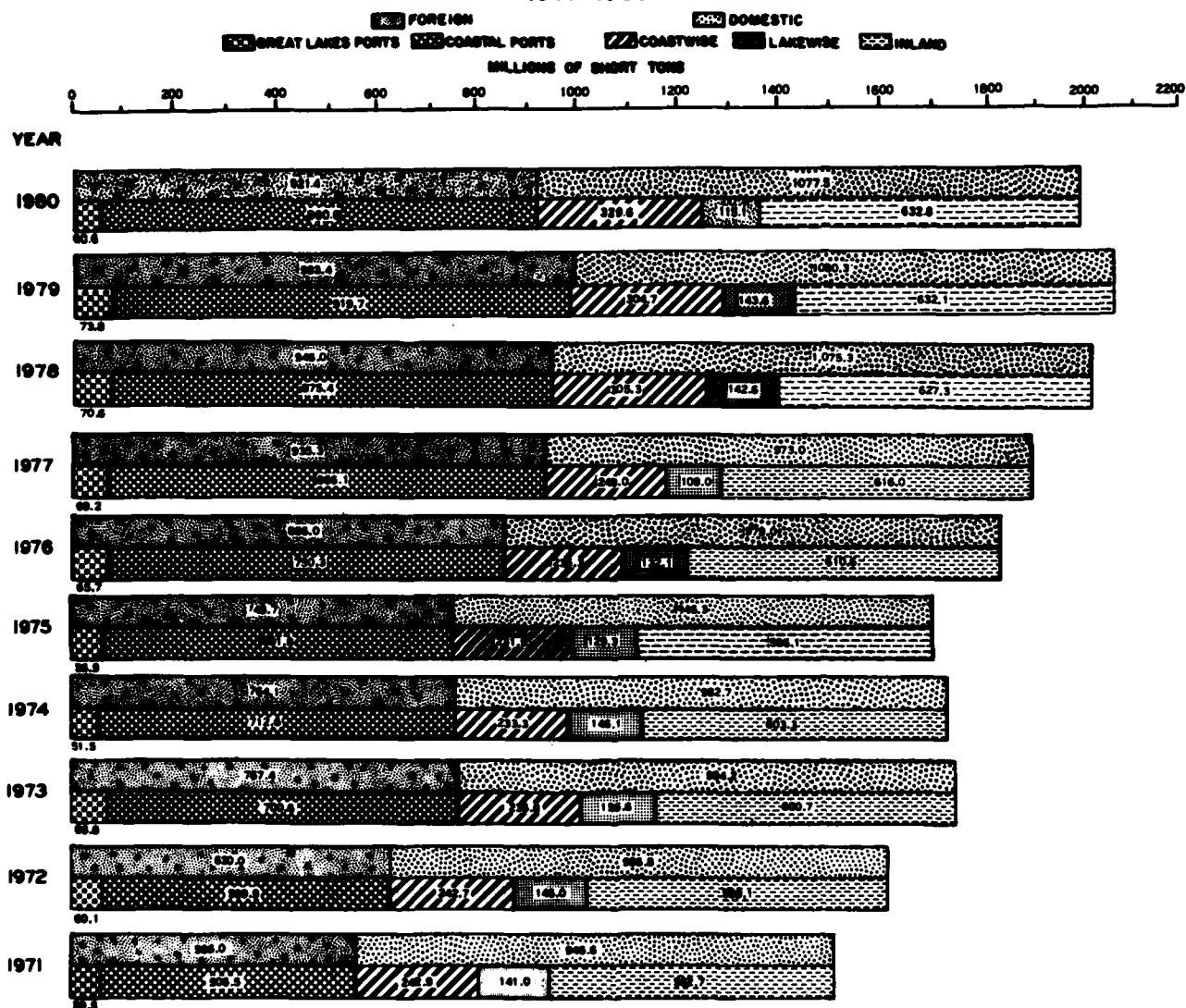
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TABLE 2--SUMMARY OF FOREIGN AND DOMESTIC WATERBORNE COMMERCE, BY TYPE OF TRAFFIC AND COMMODITY, CALENDAR YEAR 1968--CONTINUED
(NET TRAFFIC IN TONS OF 2,000 POUNDS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC					
		IMPORTS	EXPORTS	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL	INTRA-TERRITORY
PRIMARY METAL PRODUCTS									
3311 PIG IRON-----	91,961	-----	-----	91,961	14	16,684	75,295	0	-----
3312 SLAB-----	1,122,177	-----	-----	1,122,177	5,099	342,095	773,079	1,988	-----
3314 IRON AND STEEL PRIMARY FORMS-----	1,581,834	54,989	498,391	956,896	38,278	56,053	875,763	1,988	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	10,619,870	9,897,444	476,399	1,842,067	54,048	56,065	917,229	17,761	2,854
3316 IRON AND STEEL PLATES, SHEETS-----	3,747,532	172,397	1,187,399	2,387,776	47,495	24,249	2,261,651	54,385	88
3317 IRON AND STEEL PIPE AND TUBE-----	5,491,849	3,928,840	529,911	1,481,088	107,666	22,772	1,218,943	52,567	-----
3318 FERROALLOYS-----	2,348,427	1,412,638	153,711	782,078	2,592	2,937	773,139	3,410	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	1,295,948	271,096	176,547	848,385	26,328	95,995	794,129	2,253	-----
3321 NONFERROUS METALS, NEC-----	384,684	191,782	124,894	68,888	54,387	1,118	9,212	7,379	-----
3322 COPPER ALLOYS, UNWORKED-----	889,437	934,898	132,481	198,356	7,466	10,398	12,173	168,349	2
3323 LEAD AND ZINC, UNWORKED-----	405,478	149,916	214,782	41,768	2,289	-----	39,399	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	1,129,768	166,889	884,193	78,686	19,857	6,115	59,388	1,412	2
FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, & TRANS. EQUIP.									
3411 FABRICATED METAL PRODUCTS-----	4,887,368	1,894,644	886,969	1,231,747	1,010,701	3,458	202,824	2,528	4,964
MACHINERY, EXCEPT ELECTRICAL									
3511 MACHINERY, EXCEPT ELECTRICAL-----	4,764,939	1,721,913	2,938,182	984,844	171,816	14,825	289,437	29,363	1,083
ELECTRICAL MACHINERY, EQUIPMENT & SUPPLIES									
3611 ELECTRICAL MACH AND EQUIP-----	2,711,763	1,277,913	967,792	466,898	337,386	196	124,987	1,041	1,768
TRANSPORTATION EQUIPMENT									
3711 MOTOR VEHICLES, PARTS, EQUIP-----	6,258,984	4,388,240	1,198,834	894,608	639,135	27,156	19,888	1,844	7,365
3721 AIRCRAFT AND PARTS-----	122,423	4,296	18,868	99,259	99,266	-----	93	-----	-----
3731 SHIPS AND BOATS-----	288,239	32,848	64,256	111,126	68,439	475	46,384	3,628	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	424,525	242,937	88,389	95,999	81,824	928	7,893	504	3,298
INSTRUMENTS, PHOTOGRAPHIC & OPTICAL GOODS, WATCHES & CLOCKS									
3811 INSTR. TIME, PHOTO, OPT GOODS-----	318,872	118,893	177,749	14,238	13,999	278	-----	-----	1
MISC. PRODUCTS OF MANUFACTURING									
3911 MISC MANUFACTURED PRODUCTS-----	2,463,885	714,115	148,499	1,689,191	138,288	82,143	1,389,368	7,449	23
WASTE & SCRAP MATERIALS									
4011 IRON AND STEEL SCRAP-----	12,343,287	127,807	9,198,088	3,819,325	99,692	26,654	2,277,482	614,389	1,159
4012 NONFERROUS METAL SCRAP-----	1,228,268	244,496	339,799	48,895	18,478	388	29,184	6,966	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	336,843	9,227	382,728	24,888	23,858	1,838	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	1,698,669	4,857	1,698,824	6,976	876	3,896	1,884	2	-----
4029 WASTE AND SCRAP, NEC-----	15,884,789	-----	-----	15,896,789	6,987	120	12,343,287	2,223,774	282,783
SPECIAL ITEMS									
4111 WATER-----	2,948,871	-----	-----	2,948,871	921	-----	2,629,649	275,121	39,178
4112 COMMODITIES, NEC-----	4,781,888	924,738	191,868	3,989,219	3,839,388	25,333	838,695	8,498	81,294
4119 EMPTY CONTAINERS-----	34,633	-----	-----	34,633	18,111	-----	15,222	3,289	189
9999 DEPARTMENT OF DEFENSE AND SCI-----	162,240	-----	162,240	-----	-----	-----	-----	-----	-----

WATERBORNE COMMERCE OF THE UNITED STATES, 1980

TOTAL WATERBORNE COMMERCE OF THE UNITED STATES
1971-1980

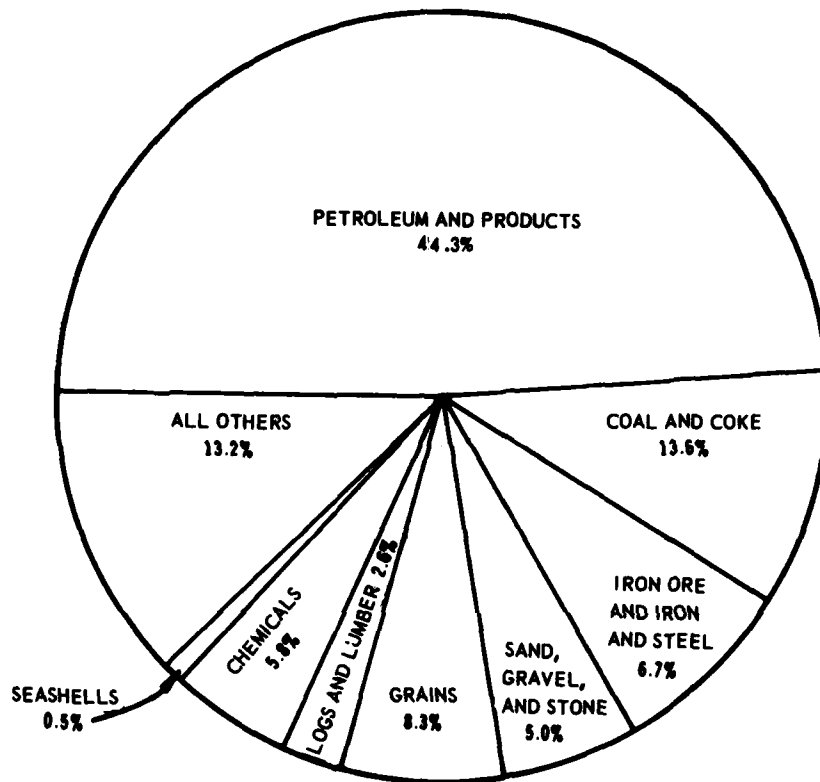
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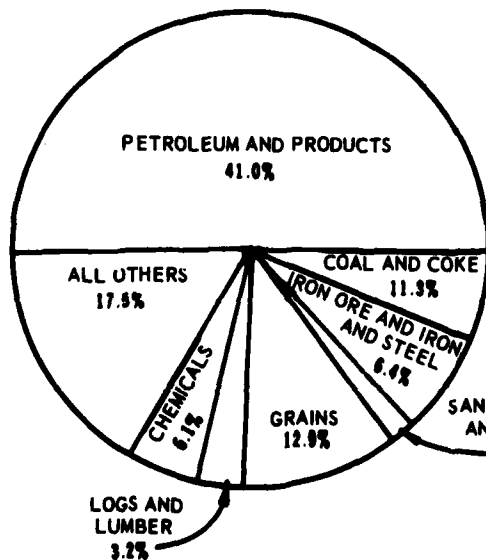
PRINCIPAL COMMODITIES CARRIED BY WATER

CALENDAR YEAR 1980

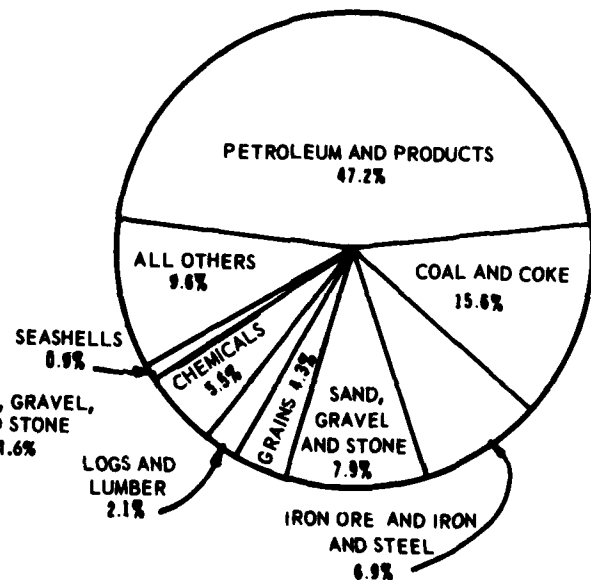
TOTAL COMMERCE



FOREIGN COMMERCE



DOMESTIC COMMERCE



WATERBORNE COMMERCE OF THE UNITED STATES, 1960

TABLE 2A--SUMMARY OF FOREIGN COMMERCE AT COASTAL PORTS, BY COMMODITY, CALENDAR YEAR 1960

(IN TONS OF 2,000 POUNDS)

COMMODITY	TOTAL	IMPORTS	EXPORTS
TOTAL, ALL COMMODITIES-----	868,811,847	582,889,866	358,889,981
FARM PRODUCTS			
0101 COTTON, RAW-----	2,008,101	1,868	2,007,633
0102 BARLEY AND RYE-----	957,648	444	958,204
0103 CORN-----	61,316,848	26,592	61,290,256
0104 OATS-----	7,847,435	78	7,247,357
0105 RICE-----	3,274,789	2,744	3,272,041
0107 WHEAT-----	39,033,902	17	39,033,885
0111 SOYBEANS-----	21,715,157	150	21,715,007
0119 OILSEEDS, NEC-----	409,725	15,029	398,696
0121 TOBACCO, LEAF-----	918,510	582,876	332,634
0129 FIELD CROPS, NEC-----	104,468	50,534	54,074
0131 FRESH FRUITS AND TREE NUTS-----	4,130,817	2,955,297	1,184,560
0132 BANANAS AND PLANTAINS-----	4,202		4,202
0133 COFFEE-----	1,171,348	1,145,924	25,424
0134 COCOA BEANS-----	174,982	169,873	5,109
0141 FRESH AND FROZEN VEGETABLES-----	634,677	76,659	558,018
0151 LIVE ANIMALS-----	1,594	27	1,567
0161 ANIMALS AND PRODUCTS, NEC-----	186,393	71,910	114,483
0191 MISCELLANEOUS FARM PRODUCTS-----	38,213	25,338	12,875
FOREST PRODUCTS			
0841 CRUDE RUBBER AND ALLIED GUMS-----	808,356	790,252	18,104
0861 FOREST PRODUCTS, NEC-----	171,414	144,495	26,959
FRESH FISH & OTHER MARINE PRODUCTS			
0911 FRESH FISH, EXCEPT SHELLFISH-----	700,157	550,819	149,338
0912 SHELLFISH, EXCEPT PREPARED-----	140,771	91,431	50,340
METALLIC ORES			
1011 IRON ORE AND CONCENTRATES-----	19,901,030	19,487,975	13,455
1021 COPPER ORE AND CONCENTRATES-----	494,750	52,495	442,255
1031 ALUMINUM ORES, CONCENTRATES-----	22,967,428	22,095,659	871,773
1061 MANGANESE ORES, CONCENTRATES-----	715,050	688,941	26,109
1091 NONFERROUS ORES, CONCENT, NEC-----	2,979,659	2,177,829	397,830
COAL			
1121 COAL AND LIGNITE-----	75,451,092	894,555	74,556,537
CRUDE PETROLEUM			
1311 CRUDE PETROLEUM-----	305,966,136	305,965,362	774
NONMETALLIC MINERALS, EXCEPT FUELS			
1411 LIMESTONE-----	7,786,449	7,643,108	143,341
1412 BUILDING STONE, UNWORKED-----	34,889		34,889
1442 SAND, GRAVEL, CRUSHED ROCK-----	3,079,803	1,891,623	1,188,180
1451 CLAY-----	7,494,855	5,516,114	1,978,741
1471 PHOSPHATE ROCK-----	14,217,622	627,598	13,590,024
1479 NATURAL FERTILIZER MATS, NEC-----	39,297	39,297	
1491 SALT-----	3,925,258	3,315,071	209,387
1492 SULPHUR, DRY-----	1,932,480		1,932,480
1499 NONMETALLIC MINERALS, NEC-----	1,679,512	647,605	1,031,907
ORDNANCE & ACCESSORIES			
1911 ORDNANCE AND ACCESSORIES-----	24,429	7,948	16,481
FOOD & KINDRED PRODUCTS			
2011 MEAT, FRESH, CHILLED, FROZEN-----	1,448,416	716,155	732,261
2012 MEAT AND PRODUCTS, NEC-----	262,054	222,713	39,341
2014 TALLOW, ANIMAL FATS AND OILS-----	1,488,401		1,488,401
2015 ANIMAL BY-PRODUCTS, NEC-----	472,574	19,145	457,429
2021 DAIRY PRODUCTS, NEC-----	152,549	138,249	14,300
2022 DRIED MILK AND CREAM-----	129,772	16,623	113,149
2031 FISH AND SHELLFISH, PREPARED-----	197,452	139,701	57,751
2034 VEGETABLES AND PREP, NEC-----	744,919	420,406	324,513
2039 PREP FRUIT AND VEG JUICE, NEC-----	1,393,618	873,842	519,776
2041 WHEAT FLOUR AND SEMOLINA-----	841,171		841,171
2042 PREPARED ANIMAL FEEDS-----	14,274,097	95,794	14,178,213
2049 GRAIN MILL PRODUCTS, NEC-----	768,416	76,521	691,895
2061 SUGAR-----	4,684,904	4,052,215	632,289
2062 MOLASSES-----	1,323,109	1,052,666	270,519
2081 ALCOHOLIC BEVERAGES-----	1,804,710	1,375,012	235,698
2091 VEGETABLE OILS, MARG, SHORT-----	2,683,302	761,744	1,921,558
2092 ANIMAL OILS AND FATS, NEC-----	156,620	11,889	145,615
2099 MISCELLANEOUS FOOD PRODUCTS-----	1,496,607	631,051	865,556
TOBACCO PRODUCTS			
2111 TOBACCO MANUFACTURES-----	160,136	17,948	142,188
BASIC TEXTILES			
2211 BASIC TEXTILE PRODUCTS-----	1,406,998	639,226	767,372
2212 TEXTILE FIBERS, NEC-----	82,139	33,168	48,971

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TABLE 2A--SUMMARY OF FOREIGN COMMERCE AT COASTAL PORTS, BY COMMODITY, CALENDAR YEAR 1966--CONTINUED
(IN TONS OF 2,000 POUNDS)

COMMODITY	TOTAL	IMPORTS	EXPORTS
APPAREL & OTHER FINISHED TEXTILE PRODUCTS, INCLUDING KNIT			
2311 APPAREL-----	614,619	540,633	65,986
LUMBER & WOOD PRODS., EXC. FURNITURE			
2411 LOSS-----	13,907,000	193,799	13,314,047
2413 FUEL WOOD, CHARCOAL, WASTES-----	139,417	105,394	34,063
2414 TIMBER, POSTS, POLES, PILING-----	86,961	4,497	82,564
2416 WOOD CHIPS, STAVES, HOLDINGS-----	9,910,261	1,024,910	8,493,343
2421 LUMBER-----	4,875,032	1,026,341	2,548,691
2431 VENEER, PLYWOOD, WORKED WOOD-----	1,037,399	793,606	283,673
2491 WOOD MANUFACTURES, NEC-----	959,279	232,310	326,969
FURNITURE & FIXTURES			
2511 FURNITURE AND FIXTURES-----	426,920	339,924	87,396
PULP, PAPER & ALLIED PRODUCTS			
2611 PULP-----	3,030,660	269,262	3,569,486
2631 PAPER AND PAPERBOARD-----	5,727,159	1,777,069	3,949,266
2691 PULP AND PAPER PRODUCTS, NEC-----	300,606	43,932	349,674
PRINTED MATTER			
2711 PRINTED MATTER-----	109,003	77,032	100,051
CHEMICALS & ALLIED PRODUCTS			
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	1,232,062	902,027	330,039
2812 DYES, PIGMENT, TANNING MATS-----	29,525	-----	29,525
2813 ALCOHOLS-----	10,156	-----	10,156
2816 RADIOACTIVE MATERIALS, WASTES-----	17,351	8,595	8,756
2819 BASIC CHEMICALS AND PROD. NEC-----	17,209,057	5,304,051	11,905,006
2821 PLASTIC MATERIALS-----	2,052,129	309,943	2,642,102
2822 SYNTHETIC RUBBER-----	413,972	-----	413,972
2823 SYNTHETIC (MAN-MADE) FIBERS-----	936,776	80,210	448,566
2831 DRUGS-----	101,993	46,801	54,792
2841 SOAP-----	379,494	84,219	295,275
2851 PAINTS-----	446,752	326,656	120,096
2861 GUM AND WOOD CHEMICALS-----	353,129	104,094	108,235
2871 NITROGENOUS CHEM FERTILIZERS-----	4,165,245	672,025	3,492,420
2872 POTASSIC CHEM FERTILIZERS-----	1,410,920	-----	1,410,920
2873 PHOSPHATIC CHEM FERTILIZERS-----	3,970,409	604,962	3,365,447
2876 INSECTICIDES, DISINFECTANTS-----	168,416	46,370	122,046
2879 FERTILIZER AND MATERIALS, NEC-----	6,924,466	53,292	6,471,174
2891 MISCELLANEOUS CHEMICAL PROD-----	1,479,028	319,695	1,156,133
PETROLEUM & COAL PRODUCTS			
2911 GASOLINE-----	6,372,134	6,101,929	270,205
2913 KEROSENE-----	59,236	52,125	7,111
2914 DISTILLATE FUEL OIL-----	2,447,410	2,365,244	142,166
2915 RESIDUAL FUEL OIL-----	49,720,803	44,694,968	1,085,335
2916 LUBRICATING OILS AND GREASES-----	10,309,272	7,952,007	2,757,105
2918 ASPHALT, TAR, AND BITUMENS-----	1,316,213	1,201,219	34,998
2920 COKE, PETROLEUM COKE-----	10,394,132	702,234	9,611,898
2921 LIQUEFIED GASES-----	4,392,030	3,307,367	1,089,463
2951 ASPHALT BUILDING MATERIALS-----	56,123	-----	56,123
2991 PETROLEUM AND COAL PROD, NEC-----	340,811	191,302	149,509
RUBBER & MISC. PLASTIC PRODUCTS			
3011 RUBBER AND MISC PLASTIC PROD-----	1,050,979	654,000	404,086
LEATHER & LEATHER PRODUCTS			
3111 LEATHER AND LEATHER PRODUCTS-----	915,001	427,096	87,105
STONE, CLAY, GLASS, & CONCRETE PROD.			
3211 GLASS AND GLASS PRODUCTS-----	639,774	226,567	409,207
3241 BUILDING CEMENT-----	3,302,600	3,147,699	154,909
3251 STRUCTURAL CLAY PRODUCTS-----	906,060	394,615	192,253
3271 LIME-----	6,077	100	6,491
3281 CUT STONE AND STONE PRODUCTS-----	134,343	129,930	4,413
3291 MISC NONMETALLIC MINERAL PROD-----	911,937	322,700	109,141
PRIMARY METAL PRODUCTS			
3314 IRON AND STEEL PRIMARY FORMS-----	429,067	32,510	392,597
3319 IRON, STEEL SHAPES, EXC SHEET-----	6,420,026	7,961,000	466,920
3316 IRON AND STEEL PLATES, SHEETS-----	1,179,009	104,894	1,010,711
3317 IRON AND STEEL PIPE AND TUBE-----	4,030,009	3,903,114	926,979
3318 FERROALLOYS-----	1,000,004	1,144,973	133,711
3319 IRON AND STEEL PRODUCTS, NEC-----	420,493	296,063	172,430
3321 NONFERROUS METALS, NEC-----	311,017	107,491	124,326
3322 COPPER ALLOYS, UNWORKED-----	664,311	532,996	131,315
3323 LEAD AND ZINC, UNWORKED-----	322,022	110,624	212,398
3324 ALUMINUM AND ALLOYS, UNWORKED-----	1,030,200	190,004	882,476
FABRICATED METAL PRODUCTS, EXCEPT ADVANCE, MACHINERY, & TRANS. EQUIP.			
3411 FABRICATED METAL PRODUCTS-----	2,753,767	1,002,140	871,509

WATERBORNE COMMERCE OF THE UNITED STATES, 1960

TABLE 2A--SUMMARY OF FOREIGN COMMERCE AT COASTAL PORTS, BY COMMODITY, CALENDAR YEAR 1960--CONTINUED

(IN TONS OF 2,000 POUNDS)

COMMODITY	TOTAL	IMPORTS	EXPORTS
MACHINERY, EXCEPT ELECTRICAL			
3511 MACHINERY, EXCEPT ELECTRICAL-----	4,159,395	1,667,090	2,492,305
ELECTRICAL MACHINERY, EQUIPMENT & SUPPLIES			
3611 ELECTRICAL MACH AND EQUIP-----	2,223,707	1,276,951	952,756
TRANSPORTATION EQUIPMENT			
3711 MOTOR VEHICLES, PARTS, EQUIP-----	5,499,044	4,332,459	1,166,585
3721 AIRCRAFT AND PARTS-----	23,125	4,294	18,831
3731 SHIPS AND BOATS-----	96,973	32,808	64,165
3791 MISC TRANSPORTATION EQUIPMENT-----	320,091	234,916	85,175
INSTRUMENTS, PHOTOGRAPHIC & OPTICAL GOODS, WATCHES & CLOCKS			
3811 INSTR, TIME, PHOTO, OPT GOODS-----	294,885	117,979	176,906
MISC. PRODUCTS OF MANUFACTURING			
3911 MISC MANUFACTURED PRODUCTS-----	851,057	712,611	138,446
WASTE & SCRAP MATERIALS			
4011 IRON AND STEEL SCRAP-----	8,932,630	84,896	8,447,734
4012 NONFERROUS METAL SCRAP-----	1,116,727	288,296	828,431
4022 TEXTILE WASTE, SCRAP, SWEEP-----	311,920	9,227	302,693
4024 PAPER WASTE AND SCRAP-----	1,641,862	4,642	1,637,220
SPECIAL ITEMS			
4112 COMMODITIES, NEC-----	789,682	518,059	191,023
9999 DEPARTMENT OF DEFENSE AND SCI-----	162,077	-----	162,077

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TABLE 28--SUMMARY OF FOREIGN COMMERCE AT GREAT LAKES PORTS, BY COMMODITY, CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

COMMODITY	TOTAL	IMPORTS			EXPORTS		
		TOTAL	CANADIAN	OVERSEAS	TOTAL	CANADIAN	OVERSEAS
TOTAL, ALL COMMODITIES-----	60,592,153	15,919,259	13,414,209	2,101,050	45,676,898	37,216,588	7,860,310
FARM PRODUCTS							
0101 COTTON, RAW-----	1,534	-----	-----	-----	1,534	1,534	-----
0102 BARLEY AND RYE-----	977,108	9,803	9,803	-----	967,385	478,982	488,323
0103 CORN-----	6,918,326	-----	-----	-----	6,918,326	5,111,917	1,486,489
0104 OATS-----	65,326	-----	-----	-----	65,326	9,740	55,586
0105 RICE-----	28	13	-----	-----	15	-----	-----
0107 WHEAT-----	4,069,120	-----	-----	-----	4,069,120	2,167,459	1,901,665
0111 SOYBEANS-----	1,818,774	-----	-----	-----	1,818,774	1,169,447	649,327
0119 OILSEEDS, NEC-----	1,367,659	-----	-----	-----	1,367,659	199	1,367,456
0121 TOBACCO, LEAF-----	28,643	28,643	19,742	8,901	-----	-----	-----
0129 FIELD CROPS, NEC-----	149	111	1	110	38	7	31
0131 FRESH FRUITS AND TREE NUTS-----	4,327	-----	-----	-----	4,327	4,327	-----
0132 BANANAS AND PLANTAINS-----	60	-----	-----	-----	60	60	-----
0133 COFFEE-----	8	-----	-----	-----	8	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	59,543	14	-----	16	59,527	43,389	16,138
0141 ANIMALS AND PRODUCTS, NEC-----	3,853	229	81	148	3,624	528	3,102
0191 MISCELLANEOUS FARM PRODUCTS-----	130	52	28	24	78	76	2
FOREST PRODUCTS							
0841 CRUDE RUBBER AND ALLIED GUMS-----	3,048	35	35	-----	3,013	3,012	1
0861 FOREST PRODUCTS, NEC-----	74	48	28	28	26	24	2
FRESH FISH & OTHER MARINE PRODUCTS							
0911 FRESH FISH, EXCEPT SMELFISH-----	266	7	7	-----	199	-----	199
0912 SMELFISH, EXCEPT PREPARED-----	4	-----	-----	-----	4	-----	4
METALLIC ORES							
1011 IRON ORE AND CONCENTRATES-----	14,084,765	7,767,475	7,620,201	147,274	6,317,290	6,317,290	-----
1021 COPPER ORE AND CONCENTRATES-----	131	131	131	-----	-----	-----	-----
1091 ALUMINUM ORES, CONCENTRATES-----	18,712	17,877	11	17,866	839	834	1
1061 MANGANESE ORES, CONCENTRATES-----	21,826	21,826	-----	21,826	-----	-----	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	87,844	72,183	5,620	66,563	19,661	-----	15,661
COAL							
1121 COAL AND LIGNITE-----	16,783,364	-----	-----	-----	16,783,364	16,783,364	-----
NONMETALLIC MINERALS, EXCEPT FUELS							
1411 LIMESTONE-----	2,498,932	12	12	-----	2,498,928	2,498,899	21
1412 BUILDING STONE, UNWORKED-----	38	-----	-----	-----	38	-----	38
1492 SAND, GRAVEL, CRUSHED ROCK-----	1,216,198	1,181,593	1,181,263	330	34,997	34,299	382
1491 CLAY-----	345,744	24,372	310	24,062	321,372	182,393	138,979
1491 SALT-----	1,945,637	1,329,070	1,329,068	2	616,567	616,567	-----
1492 SULPHUR, DRY-----	2	-----	-----	-----	2	-----	2
1499 NONMETALLIC MINERALS, NEC-----	31,474	24,912	6,736	18,176	6,562	6,496	66
ORDNANCE & ACCESSORIES							
1911 ORDNANCE AND ACCESSORIES-----	31	12	2	10	19	-----	19
FOOD & KINDRED PRODUCTS							
2011 MEAT, FRESH, CHILLED, FROZEN-----	39,222	194	179	17	39,026	13	39,013
2012 MEAT AND PRODUCTS, NEC-----	9	7	3	4	2	1	1
2014 TALLOW, ANIMAL FATS AND OILS-----	105,366	-----	-----	-----	105,366	232	105,134
2015 ANIMAL BY-PRODUCTS, NEC-----	7,054	-----	-----	-----	7,054	4,994	2,060
2021 DAIRY PRODUCTS, NEC-----	360	18	18	-----	350	-----	350
2022 DRIED MILK AND CREAM-----	14,107	-----	-----	-----	14,107	17	14,090
2031 FISH AND SMELFISH, PREPARED-----	143	124	80	44	39	39	-----
2034 VEGETABLES AND PREP, NEC-----	2,489	1,291	34	1,257	1,398	1,098	385
2039 PREP FRUIT AND VEG JUICE, NEC-----	7,759	164	133	31	7,991	4,735	896
2041 WHEAT FLOUR AND SEMOLINA-----	31,232	-----	-----	-----	31,232	283	30,949
2042 PREPARED ANIMAL FEEDS-----	111,246	480	40	440	110,766	9,457	101,309
2049 GRAIN MILL PRODUCTS, NEC-----	139,407	379	194	185	139,028	4,149	138,883
2061 SUGAR-----	55,117	55,117	-----	55,117	-----	-----	-----
2062 MOLASSES-----	25	-----	-----	-----	25	25	-----
2081 ALCOHOLIC BEVERAGES-----	28,470	28,099	3,075	24,224	371	231	140
2091 VEGETABLE OILS, WARD, SHORT-----	6,525	75	7	68	6,490	1,049	5,405
2099 MISCELLANEOUS FOOD PRODUCTS-----	16,933	1,990	333	1,666	14,934	2,439	12,495
TOBACCO PRODUCTS							
2111 TOBACCO MANUFACTURES-----	36	-----	-----	-----	36	10	10
BASIC TEXTILES							
2211 BASIC TEXTILE PRODUCTS-----	38,888	36,655	404	36,251	1,349	939	486
2212 TEXTILE FIBERS, NEC-----	1,747	1,613	492	1,121	134	134	-----
APPAREL & OTHER FINISHED TEXTILE PRODUCTS, INCLUDING KNIT							
2311 APPAREL-----	2,021	60	34	26	1,961	392	1,669
LUMBER & WOOD PRODS, EXC. FURNITURE							
2411 LOGS-----	46,959	-----	-----	-----	46,959	722	46,233
2413 FUEL WOOD, CHARCOAL, WASTES-----	727	339	10	317	392	392	-----
2414 TIMBER, POSTS, POLES, PILING-----	4,446	-----	-----	-----	4,446	4,446	-----
2416 WOOD CHIPS, STAVES, HOLDINGS-----	3,041	1,661	1,661	-----	1,380	1,380	-----

TABLE 28--SUMMARY OF FOREIGN COMMERCE AT GREAT LAKES PORTS, BY COMMODITY, CALENDAR YEAR 1980--CONTINUED
(IN TONS OF 2,000 POUNDS)

COMMODITY	TOTAL	IMPORTS			EXPORTS		
		TOTAL	CANADIAN	OVERSEAS	TOTAL	CANADIAN	OVERSEAS
LUMBER & WOOD PRODS., EXC. FURNITURE (CONTINUED)							
2421 LUMBER-----	14,122	1,384	1,277	107	12,738	9,338	3,400
2431 VENEER, PLYWOOD, WORKED WOOD-----	7,420	7,067	6,988	79	593	347	6
2491 WOOD MANUFACTURES, NEC-----	4,737	426	38	396	4,311	2,776	1,535
FURNITURE & FIXTURES							
2511 FURNITURE AND FIXTURES-----	2,377	836	446	398	1,541	1,288	261
PULP, PAPER & ALLIED PRODUCTS							
2611 PULP-----	106,067	103,946	99,443	4,503	2,121	1,224	897
2631 PAPER AND PAPERBOARD-----	262,200	253,041	218,085	34,956	9,159	2,449	6,719
2691 PULP AND PAPER PRODUCTS, NEC-----	1,638	56	43	13	1,582	1,258	327
PRINTED MATTER							
2711 PRINTED MATTER-----	5,651	354	245	109	5,297	4,149	1,148
CHEMICALS & ALLIED PRODUCTS							
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	17,842	17,842	17,824	18	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	19	-----	-----	-----	19	19	-----
2813 ALCOHOLS-----	108	-----	-----	-----	108	108	-----
2819 BASIC CHEMICALS AND PROD. NEC-----	460,284	273,071	265,382	7,689	187,213	175,478	11,743
2821 PLASTIC MATERIALS-----	22,762	817	489	328	21,885	18,938	2,950
2822 SYNTHETIC RUBBER-----	7,302	-----	-----	-----	7,302	6,881	421
2823 SYNTHETIC (MAN-MADE) FIBERS-----	61	-----	-----	-----	61	61	-----
2831 DRUGS-----	967	381	93	288	686	384	382
2841 SOAP-----	15,381	314	114	208	14,987	12,337	2,650
2891 PAINTS-----	8,638	6,589	4,844	1,665	2,121	1,742	379
2861 GUN AND WOOD CHEMICALS-----	2,959	-----	-----	-----	2,959	2,939	20
2871 NITROGENOUS CHEM FERTILIZERS-----	119,171	114,620	-----	114,620	4,551	4,551	-----
2872 POTASSIC CHEM FERTILIZERS-----	373	-----	-----	-----	373	373	-----
2873 PHOSPHATIC CHEM FERTILIZERS-----	683,872	616,893	616,893	-----	36,179	36,179	-----
2876 INSECTICIDES, DISINFECTANTS-----	1,192	126	41	85	1,066	1,053	13
2879 FERTILIZER AND MATERIALS, NEC-----	396	187	187	-----	209	209	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	63,490	39,471	34,251	5,228	24,819	28,945	3,874
PETROLEUM & COAL PRODUCTS							
2911 GASOLINE-----	3,752	-----	-----	-----	3,752	3,727	25
2912 KEROSENE-----	34	-----	-----	-----	34	-----	34
2913 DISTILLATE FUEL OIL-----	14,253	14,253	14,253	-----	-----	-----	-----
2919 RESIDUAL FUEL OIL-----	937,915	937,915	937,915	-----	-----	-----	-----
2916 LUBRICATING OILS AND GREASES-----	64,153	49	29	20	64,134	63,889	245
2918 ASPHALT, TAR, AND BITUMENS-----	9,220	-----	-----	-----	9,220	9,189	111
2928 COKE, PETROLEUM COKE-----	1,462,197	17,535	-----	17,535	1,444,662	1,286,133	258,529
2921 LIQUEFIED GASES-----	1,447	-----	-----	-----	1,447	1,387	60
2991 ASPHALT BUILDING MATERIALS-----	9	-----	-----	-----	9	9	-----
2991 PETROLEUM AND COAL PROD, NEC-----	63	33	-----	33	38	19	11
RUBBER & MISC. PLASTIC PRODUCTS							
3011 RUBBER AND MISC PLASTIC PROD-----	8,885	1,813	532	481	7,872	7,822	850
LEATHER & LEATHER PRODUCTS							
3111 LEATHER AND LEATHER PRODUCTS-----	1,545	1,150	653	497	395	177	218
STONE, CLAY, GLASS, & CONCRETE PROD.							
3211 GLASS AND GLASS PRODUCTS-----	8,578	4,288	1,214	2,994	4,378	3,841	589
3241 BUILDING CEMENT-----	779,186	751,784	749,082	6,622	27,482	27,456	26
3291 STRUCTURAL CLAY PRODUCTS-----	4,748	2,703	1,275	1,428	2,843	1,827	218
3271 LIME-----	51	-----	-----	-----	51	51	-----
3281 CUT STONE AND STONE PRODUCTS-----	3,354	3,221	881	2,348	133	1	132
3291 MISC NONMETALLIC MINERAL PROD-----	2,056	971	652	319	1,089	641	444
PRIMARY METAL PRODUCTS							
3314 IRON AND STEEL PRIMARY FORMS-----	119,869	22,079	3,473	18,602	97,794	29,853	68,741
3319 IRON, STEEL SHAPES, EXC SHEET-----	1,149,777	1,136,346	26,341	1,110,005	9,431	977	8,454
3316 IRON AND STEEL PLATES, SHEETS-----	184,151	7,483	1,512	5,991	176,680	13,343	163,345
3317 IRON AND STEEL PIPE AND TUBE-----	19,868	18,932	1,426	15,584	2,936	1,814	1,122
3318 FERRONALLOYS-----	268,065	268,065	113,111	154,954	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	17,150	17,033	7,816	9,217	4,117	3,382	735
3321 NONFERROUS METALS, NEC-----	4,859	4,291	725	3,566	568	482	166
3322 COPPER ALLOYS, UNWORKED-----	2,778	1,684	957	725	1,164	1,185	61
3323 LEAD AND ZINC, UNWORKED-----	48,694	38,392	1,835	37,357	2,384	73	2,231
3324 ALUMINUM AND ALLOYS, UNWORKED-----	11,882	10,889	8,774	1,311	1,717	874	843
FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, & TRANS. EQUIP.							
3411 FABRICATED METAL PRODUCTS-----	21,846	12,476	3,867	8,609	9,370	6,822	3,348
MACHINERY, EXCEPT ELECTRICAL							
3511 MACHINERY, EXCEPT ELECTRICAL-----	188,788	54,823	29,066	29,757	45,877	19,798	38,119
ELECTRICAL MACHINERY, EQUIPMENT & SUPPLIES							
3611 ELECTRICAL MACH AND EQUIP-----	21,958	6,982	3,795	3,167	14,996	6,929	8,067

NATIONAL SUMMARIES

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TABLE 28--SUMMARY OF FOREIGN COMMERCE AT GREAT LAKES PORTS, BY COMMODITY, CALENDAR YEAR 1968--CONTINUED
(IN TONS OF 2,000 POUNDS)

COMMODITY	TOTAL	IMPORTS			EXPORTS		
		TOTAL	CANADIAN	OVERSEAS	TOTAL	CANADIAN	OVERSEAS
TRANSPORTATION EQUIPMENT							
3711 MOTOR VEHICLES, PARTS, EQUIP-----	97,292	29,781	19,699	4,122	31,471	21,919	9,552
3721 AIRCRAFT AND PARTS-----	39	2		2	37	29	12
3731 SHIPS AND BOATS-----	131	40	38	2	91	18	78
3791 MISC TRANSPORTATION EQUIPMENT-----	10,839	7,621	409	7,212	3,214	1,186	2,028
INSTRUMENTS, PHOTOGRAPHIC & OPTICAL GOODS, WATCHES & CLOCKS							
3811 INSTR, TIME, PHOTO, OPT GOODS-----	1,797	914	836	78	843	463	380
MISC. PRODUCTS OF MANUFACTURING							
3911 MISC MANUFACTURED PRODUCTS-----	3,997	1,994	521	963	2,893	1,994	499
WASTE & SCRAP MATERIALS							
4011 IRON AND STEEL SCRAP-----	791,242	42,991	37,049	5,942	940,291	2,799	745,496
4012 NONFERROUS METAL SCRAP-----	43,478	56,200	9,842	99,357	7,278	4,649	2,629
4022 TEXTILE WASTE, SCRAP, SWEEP-----	35				35	35	
4024 PAPER WASTE AND SCRAP-----	3,629	219	219		3,614	3,538	81
SPECIAL ITEMS							
4112 COMMODITIES, NEC-----	7,516	6,679	2,806	3,873	837	763	154
9999 DEPARTMENT OF DEFENSE AND SCI-----	163				163	49	114

WATERBORNE COMMERCE OF THE UNITED STATES, 1960

TABLE 3--COMMERCE AT SELECTED PORTS EXCLUDING GREAT LAKES PORTS, CALENDAR YEAR 1960

(IN TONS OF 2,000 POUNDS)

PORT	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
ALABAMA								
BUNTERSVILLE-----	1,594,840					1,043,671	551,169	
MOBILE HARBOR-----	37,568,968	8,471,497	9,316,408	331,484	1,097,198	9,036,923	7,989,379	1,726,484
ALASKA								
ANCHORAGE-----	1,751,640	261,418	30,754	1,335,075	124,213			178
ILIALIUK HARBOR-----	483,946	10,313	21,629	234,061	179,936			38,887
KETCHIKAN HARBOR-----	2,767,173	596,070	456,424	423,208	47,816	868,283	239,347	136,833
KODIAK HARBOR-----	322,589	942	6,658	179,550	135,839			
METLAKATLA HARBOR-----	508,754	50	187,321	2,948	2,492	238,247	77,728	
SITKA HARBOR-----	1,014,375	20,051	139,953	198,429	52,714	537,619	65,584	75
SKAGWAY HARBOR-----	1,085,060	718,065	358,220			8,775		
VALDEZ HARBOR-----	85,973,086			169,879	85,883,207			
WHITTIER HARBOR-----	317,984							
WRANGELL HARBOR-----	550,498	1,703	279,966	9,384	4,166	171,835	83,444	
ARKANSAS								
HELENA-----	2,708,260					632,798	2,075,462	
CALIFORNIA								
ENCINA-----	1,096,801							
HUMBOLDT HARBOR AND BAY-----	1,324,045	7,995	1,025,170	290,880				
LONG BEACH HARBOR-----	38,779,672	9,330,421	9,267,597	17,309,785	2,314,379	43,739	469,658	44,093
LOS ANGELES HARBOR-----	30,191,053	8,017,502	5,789,969	10,169,027	9,160,861	553,704	43,739	425,251
MOSS LANDING HARBOR-----	786,531			786,531				
OAKLAND HARBOR-----	7,313,533	1,998,270	3,350,399	455,949	1,001,316	497,688	8,719	1,192
PORT HUENEME-----	1,405,744	110,583	8,879	1,265,368	3,622	17,292		
REDWOOD CITY HARBOR-----	951,242	151,325	472,216	73,923	197,008	56,770		
RICHMOND HARBOR-----	10,599,965	2,411,263	642,482	8,139,119	4,804,747	2,324,423	381,331	56,600
SACRAMENTO-----	2,948,802	120,299	2,489,175	335,428	3,900			
SAN DIEGO-----	2,188,859	245,396	989,108	690,642	132,718	130,995		
SAN FRANCISCO HARBOR-----	1,752,193	721,625	796,549	57,806	32,197	132,983	10,882	151
STOCKTON-----	1,995,435	358,181	1,372,121	265,133				
CONNECTICUT								
BRIDGEPORT HARBOR-----	3,194,618	1,059,640	34,189	1,663,537	422,532			14,800
NEW HAVEN HARBOR-----	9,336,328	728,898	262,336	7,450,269	797,131			97,094
NEW LONDON HARBOR-----	2,929,841	127,768	16,804	1,297,238	860,373	899	223,896	2,863
NORWALK NA BORN-----	815,465			812,458				3,007
STAMFORD HARBOR-----	844,887			810,601	34,286			
DELAWARE								
NEW CASTLE AND VICINITY-----	11,497,204	5,343,673		190,732	2,747,165	1,610,298	1,565,336	
WILMINGTON HARBOR-----	3,535,993	1,175,350	905,898	365,121	71,943	897,992	115,345	1,534
DISTRICT OF COLUMBIA								
WASHINGTON HARBOR-----	857,951					857,951		
FLORIDA								
CANAVERAL HARBOR-----	2,706,932	915,916	94,868	989,523	3,580	1,364	1,101,761	
CHARLOTTE HARBOR-----	1,353,114			469,227		10,862	879,942	83
FERNANDINA HARBOR-----	351,274					348,454	2,820	
FORT PIERCE HARBOR-----	280,953	180,641	99,182			1,025	105	
JACKSONVILLE HARBOR-----	19,644,008	3,039,929	3,137,260	6,019,907	965,628	121,475	1,944,025	415,782
MIAMI HARBOR-----	3,929,398	893,682	1,604,874	765,555	693,993	4,275	3,171	3,848
PALM BEACH HARBOR-----	1,624,561	556,747	434,388	105,492	495,259	21,650	11,025	
PANAMA CITY HARBOR-----	1,639,428	22,109	393,831	1,007		833,573	337,911	90,997
PENSACOLA HARBOR-----	2,458,151	147,201	572,656	25,578	281,180	824,272	679,272	
PORT EVERGLADES HARBOR-----	13,287,691	1,888,059	241,112	10,300,652	902,412	17	35,439	
PORT ST. JOE HARBOR-----	1,328,999	542,635	24,104	16,388	5,034	122,397	618,441	
TAMPA HARBOR-----	48,625,160	4,228,998	18,467,775	17,997,826	8,189,656	83,132	19,072	42,701
WEEBON ISLAND-----	1,389,664							
GEORGIA								
BRUNSWICK HARBOR-----	1,463,584	950,295	139,973	890	65,158	67,686	217,068	22,514
SAVANNAH HARBOR-----	12,293,179	4,202,760	4,863,722	2,218,595	450,890	79,274	260,171	217,807
HAWAII								
BARBERS POINT HARBOR, OAHU-----	9,725,722	2,700,105	77,742	2,783,031	164,844			
HILO HARBOR, HAWAII-----	1,182,019	25,304	41,777	646,931	387,685	322		
NOVOLULU HARBOR, OAHU-----	7,846,270	1,174,591	112,181	3,519,244	2,836,903	343		3,008
KAHULUI HARBOR, MAUI-----	1,441,524	31,016	46,278	753,938	609,328	66		
KAHAIKAE HARBOR, HAWAII-----	518,116	408	66,585	180,583	270,486	54		
KAHILUHI HARBOR, KAUAI-----	785,212	10,548	25,538	427,247	391,488	391		

* TONNAGE BY TYPE OF TRAFFIC NOT REPORTED.

NATIONAL SUMMARIES

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TABLE 3--COMMERCE AT SELECTED PORTS EXCLUDING GREAT LAKES PORTS, CALENDAR YEAR 1960--CONTINUED

(IN TONS OF 2,000 POUNDS)

PORT	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
INDIANA								
MOUNT VERNON-----	4,013,027			710		769,858	3,236,748	5,711
KENTUCKY								
LOUISVILLE-----	7,694,745			1,700		6,414,411	1,180,981	97,653
LOUISIANA								
BATON ROUGE-----	79,346,780	13,434,942	15,877,511	7,116,356	7,429,353	17,164,740	17,442,520	861,349
LAKE CHARLES (CALCASIEU RIVER AND PASS)-----	26,750,300	3,939,202	3,300,728	235,781	3,440,662	9,676,923	3,841,611	315,393
LAKE PROVIDENCE-----	842,435					323,600	359,964	129,181
NEW ORLEANS-----	177,315,800	21,645,596	52,130,803	2,322,880	11,826,620	68,485,149	19,748,693	6,155,859
MAINE								
BUCKSPORT HARBOR-----	939,384	428,709		428,406		2,068	80,201	
PORTLAND HARBOR-----	12,847,571	9,109,961	40,701	3,184,058	366,389	24,964		121,510
SEARSPORT HARBOR-----	1,192,650	1,002,830	32,159	154,322				1,339
MARYLAND								
BALTIMORE HARBOR AND CHANNELS-----	50,041,515	14,452,195	21,665,085	3,175,077	1,618,885	2,921,219	1,934,539	4,274,515
MASSACHUSETTS								
FALL RIVER HARBOR-----	4,804,481	727,882	12	2,792,474	70,346	1,147,948	56,743	9,076
PORT OF BOSTON-----	22,033,922	5,192,062	835,615	12,987,087	1,831,352	15,405		1,172,481
SALEM HARBOR-----	1,556,764	683,319		833,743	39,702			
MINNESOTA								
MINNEAPOLIS-----	2,246,839					760,183	1,457,820	28,836
ST. PAUL-----	10,528,472					3,375,278	7,153,194	
MISSISSIPPI								
BILOXI HARBOR-----	2,286,404					2,246,815	39,589	
GREENVILLE-----	2,786,791					1,903,148	796,672	4,971
GULFPORT HARBOR-----	1,241,808	726,848	437,407			69,364	8,189	
NATCHEZ-----	605,701					325,873	279,828	
PASCAGOULA HARBOR-----	25,433,560	9,444,487	4,226,421	919,132	5,988,884	1,901,759	3,419,044	133,633
VICKSBURG-----	3,362,267				2,500	2,046,477	1,274,261	39,029
MISSOURI								
PORT OF KANSAS CITY-----	1,681,651					215,202	823,149	643,380
PORT OF METRO JULIAN ST. LOUIS-----	24,528,760			1,352		9,662,711	17,644,425	1,220,272
NEW HAMPSHIRE								
PORTSMOUTH HARBOR-----	2,783,781	1,169,332	182,024	1,258,425	141,367			32,633
NEW JERSEY								
CAMDEN - GLOUCESTER-----	7,244,469	1,265,412	731,817	1,922,063	153,818	1,159,757	1,914,909	96,693
PAULSBORO AND VICINITY-----	22,789,580	11,391,908	73,190	1,926,093	3,133,869	3,203,463	2,820,833	240,224
TRENTON HARBOR-----	1,011,340				3,009	1,005,232	3,099	
NEW YORK								
HEMPSTEAD HARBOR-----	2,769,267			801,861	1,967,406			
PORT CHESTER HARBOR-----	343,533			40,440		148,003		155,090
PORT JEFFERSON HARBOR-----	3,381,718	65,312		3,173,834	96,683			9,953
PORT OF ALBANY-----	8,711,672	1,950,336	539,539	1,264,541	128,666	4,063,378	752,641	12,571
PORT OF NEW YORK-----	166,991,220	42,715,042	7,476,566	26,507,681	24,882,954	4,535,018	16,217,172	44,660,787
RODOUT HARBOR-----	413,971				82,000	71,596	260,375	
TARRYTOWN HARBOR-----	433,203			81,456		351,747		
NORTH CAROLINA								
MOREHEAD CITY HARBOR-----	3,010,777	407,598	981,256	819,546		383,662	418,715	
PORT OF WILMINGTON-----	7,826,488	2,821,803	611,906	2,820,415	297,208	71,472	1,092,912	11,172
OHIO								
CINCINNATI-----	10,833,216			2,711		7,658,398	2,896,925	75,182
OREGON								
COOS BAY-----	6,803,966	2,152	4,951,132	357,595	192,685	942,482	7,334	359,666

WATERBORNE COMMERCE OF THE UNITED STATES, 1980

TABLE 3--COMMERCE AT SELECTED PORTS EXCLUDING GREAT LAKES PORTS, CALENDAR YEAR 1980--CONTINUED
(IN TONS OF 2,000 POUNDS)

PORT	TOTAL	FOREIGN		DOMESTIC		LOCAL		
		IMPORTS	EXPORTS	COASTWISE			INTERNAL	
				RECEIPTS	SHIPMENTS		RECEIPTS	SHIPMENTS
OREGON--(CONTINUED)								
OREGON SLOUGH (NORTH PORTLAND HARBOR)---	327,470			14,202	232,135	81,133		
PORT OF ASTORIA-----	2,437,185	204,991	1,045,983	1,410	1,122,188	60,419		2,194
PORT OF PORTLAND-----	29,314,059	2,087,030	11,674,097	4,405,336	336,008	9,314,818	2,996,495	2,100,277
PORT OF ST. HELENS-----	314,715				11,538	249,468	52,781	928
PENNSYLVANIA								
CHESTER-----	535,597			8,275		524,064	3,258	
MARCUS HOOK AND VICINITY-----	25,692,547	11,314,453	143,684	4,643,238	2,599,903	3,608,675	3,050,288	335,366
PENN MANOR AND VICINITY-----	3,279,464	2,788,401	91,294			395,130	4,641	
PHILADELPHIA HARBOR-----	47,882,836	21,726,475	7,632,496	3,108,880	3,316,516	7,092,922	3,326,515	1,679,032
PITTSBURGH-----	36,986,155				400	26,531,949	5,083,086	4,970,720
RHODE ISLAND								
PROVIDENCE RIVER AND HARBOR-----	7,509,253	718,355	597,590	5,810,219	222,821	63,784	46,430	50,054
SOUTH CAROLINA								
CHARLESTON HARBOR-----	9,096,714	2,463,798	2,479,455	3,130,539	261,603	134,122	481,316	145,881
GEORGETOWN HARBOR (MINYAN RAY)-----	1,045,361	62,298	334,700	233,538		402,292	12,581	
TENNESSEE								
CHATTANOOGA-----	1,357,527				738	1,279,170	77,627	
KNOXVILLE-----	300,171					284,047	11,904	4,220
MEMPHIS-----	11,451,998			1,420	1,400	8,893,580	2,321,043	234,555
PORT OF NASHVILLE-----	1,747,668					1,617,309	127,184	3,175
TEXAS								
BEAUMONT-----	52,280,728	25,619,387	3,195,747	2,859,487	8,698,249	6,281,430	4,472,342	1,134,146
BROWNSVILLE-----	8,569,697	618,770	495,408	9,408	74,332	802,580	564,982	7,225
CORPUS CHRISTI-----	39,107,016	16,049,897	4,609,885	798,057	9,250,349	1,591,712	5,103,176	1,708,744
FREESPORT HARBOR-----	28,131,067	13,021,545	1,298,930	1,004,461	1,074,363	1,208,076	1,540,933	2,759
GALVESTON (GALVESTON CHANNEL)-----	9,651,091	1,953,398	3,538,474	67,347	1,512,470	276,793	320,709	
HARBOR ISLAND-----	5,980,348	4,987,938	8,292	73,744		178,968	1,006	
HOUSTON (HOUSTON SHIP CHANNEL)-----	108,937,268	31,108,262	22,403,201	8,473,198	13,462,659	14,877,047	1,284,109	6,651,000
MATAGORDA SHIP CHANNEL-----	3,091,089	3,057,260	178,006	54,708		422,775	24,348	
ORANGE-----	367,157		36,819			381,602	15,756	
PORT ARTHUR-----	29,796,633	13,687,837	2,895,014	1,121,523	6,609,651	1,554,421	1,910,189	17,096
PORT ISABEL-----	304,964	267	415			132,407	171,875	
SABINE PASS HARBOR-----	949,404			37,524	282,916	190,360	433,345	5,249
TEXAS CITY (TEXAS CITY CHANNEL)-----	25,948,936	11,745,434	826,961	1,166,766	3,373,337	4,548,125	4,232,863	53,450
VICTORIA-----	3,303,122					565,142	2,737,487	493
VIRGINIA								
NORFOLK HARBOR-----	54,217,591	5,398,090	37,163,227	2,139,080	583,487	3,667,252	3,163,138	2,132,408
PORT OF HOPWELL-----	1,269,528	12,811	356,546	39,791	76,559	537,050	239,071	1,800
PORT OF NEWPORT NEWS-----	28,828,941	729,787	18,138,267	121,260	15,735	681,742	1,105,954	28,332
PORT OF RICHMOND-----	1,688,881	131,944	184,759	71,286		917,079	304,131	
WASHINGTON								
ANACORTES HARBOR-----	9,189,812	5,154,862	117,875	637,731	1,294,613	312,516	1,585,471	78,544
BELLINGHAM BAY AND HARBOR-----	2,047,351	292,382	273,752	63,028	224,846	851,813	297,322	45,028
EVERETT HARBOR AND SNOHOMISH RIVER-----	4,359,187	538,776	1,457,681		18,338	1,059,177	475,984	871,241
GRAYS HARBOR AND CHEHALIS RIVER-----	3,248,969	4,989	2,754,233	8,698	34,453	4,981		442,054
HAHNSLEY INLET-----	1,147,198					15,071	521,444	610,663
HEAH BAY-----	351,832					59,101	296,731	
OLYMPIA HARBOR-----	728,998	28,727	448,985			123,034	51,505	1,328
PORT ANGELES HARBOR-----	6,277,697	786,583	1,433,213	293,258	4,699	838,051	683,964	246,329
PORT GAMBLE HARBOR-----	615,244		503,870	8,228	53,397	213,309	348,938	
PORT OF KALAMA-----	1,485,692	24,951	596,632		11,438	804,152	113,853	
PORT OF LONGVIEW-----	9,956,228	760,784	5,906,432	21,426	24,331	2,066,445	900,512	23,320
PORT OF VANCOUVER-----	2,911,452	941,068	477,729	6,156	5,608	1,122,202	340,893	37,800
PORT TOWNSEND HARBOR-----	781,267	258,343	38,345	28,817		277,205	116,473	
SEATTLE HARBOR-----	21,288,838	4,928,992	5,081,877	2,221,486	1,721,138	9,271,754	1,683,462	848,929
TACOMA HARBOR-----	17,162,210	2,453,687	9,433,347	663,719	739,400	2,115,860	688,402	1,087,879
WEST VIRGINIA								
HUNTINGTON-----	19,226,875					717,425	18,426,056	83,394
PUERTO RICO								
						INTRATERRITORY		
ARECIBO HARBOR-----	282,703						282,703	
MAYAGUEZ HARBOR-----	386,669	176,165	1,355	82,601	6,934	101,860	17,754	
PONCE HARBOR-----	1,149,325	923,346	142,852	25,728		21,819	31,980	
SAN JUAN HARBOR-----	18,087,394	3,225,150	476,578	4,402,557	1,709,928	638,126	134,209	6,852

NATIONAL SUMMARIES

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TABLE 3--COMMERCE AT SELECTED PORTS EXCLUDING GREAT LAKES PORTS, CALENDAR YEAR 1960--CONTINUED
(IN TONS OF 2,000 POUNDS)

PORT	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
VIRGIN ISLANDS								
CHRISTIANSTED HARBOR, ST. CROIX-----	606,867	581,672	26,396	-----	-----	151,659	7,100	-----
ST. THOMAS HARBOR-----	419,012	75,004	9,005	-----	-----	293,120	40,275	800

WATERBORNE COMMERCE OF THE UNITED STATES, 1980

TABLE 3A--COMMERCE AT SELECTED AREAS, CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

AREA	NET TOTAL DUPLICATIONS IN AREA ELIMINATED)	TOTAL	FOREIGN		DOMESTIC			
			IMPORTS	EXPORTS	COASTWISE	LAKEWISE	INTERNAL	LOCAL
DELAWARE RIVER AND TRIBUTARIES, TRENTON, N. J., TO THE SEA								
BURLINGTON-FLORENCE-ROEBLING, N. J.,-----	676,533	361,845					314,688	-----
CAMDEN-GLOUCESTER, N. J.,-----	7,244,469	1,263,412	721,817		2,075,881		3,074,666	96,693
CHESTER, PA.,-----	535,997				8,279		527,322	-----
LOWER DELAWARE BAY, DEL.,-----	11,799,166	2,587,379		15	288,322		8,923,450	-----
MARCUS HOOK, PA., AND VICINITY-----	25,695,547	11,314,493	143,684		7,243,141		6,658,963	335,306
NEW CASTLE, DEL., AND VICINITY-----	11,457,204	5,343,673			2,937,897		3,175,634	-----
PAULSBORO, N. J., AND VICINITY-----	22,789,580	11,391,988	73,190		5,059,962		6,024,296	240,224
PENN HANOR, PA., AND VICINITY-----	3,279,466	2,788,401		91,294			399,771	-----
PENNSBORO-CARNEY POINT, N. J.,-----	518,095	58		59,307	267,187		191,543	-----
PHILADELPHIA HARBOR, PA.,-----	47,882,836	21,726,475	7,632,496		6,425,396		10,419,437	1,679,032
THOMPSON POINT, N. J., AND VICINITY-----	366,103	30,334			154,348		181,421	-----
TRENTON HARBOR, N. J.,-----	1,011,340				3,809		1,008,331	-----
WILMINGTON HARBOR, DEL.,-----	3,535,993	1,179,350	905,808		440,064		1,013,237	1,534
OTHER-----	39,981				1,900		32,767	5,314
TOTAL-----	110,419,099	136,831,910	57,985,288	9,637,611	24,909,382	-----	41,945,526	2,358,163
HAMPTON ROADS, VA.,-----								
HAFFORD CREEK, VA.,-----	433,082						433,082	-----
NORFOLK HARBOR, VA.,-----	54,217,591	5,398,090	37,143,227		2,693,476		6,630,390	2,132,468
PORT OF NEWPORT NEWS, VA.,-----	20,820,941	729,702	18,138,207		137,004		1,787,696	28,332
TOTAL-----	74,832,060	79,471,534	6,127,792	55,381,434	2,830,480	-----	9,051,068	2,160,740
CORPUS CHRISTI BAY, TEX.,-----								
CORPUS CHRISTI, TEX.,-----	39,107,016	16,049,897	4,605,085		10,048,402		6,694,888	1,708,744
HARBOR ISLAND, TEX.,-----	5,980,340	4,807,538	8,292		173,744		990,774	-----
TOTAL-----	45,087,356	20,857,435	4,613,377		10,222,146	-----	7,685,662	1,708,744
SAN FRANCISCO BAY, CALIF.,-----								
CARQUINEZ STRAIT, CALIF.,-----	17,272,229	1,165,259	375,348		12,644,792		3,019,081	47,829
OAKLAND HARBOR, CALIF.,-----	7,313,533	1,990,270	3,356,399		1,457,265		506,407	1,192
REDWOOD CITY, CALIF.,-----	951,242	151,325	472,216		270,931		56,770	-----
RICHMOND HARBOR, CALIF.,-----	18,559,965	2,411,263	642,482		12,743,866		2,705,754	56,600
SACRAMENTO RIVER, CALIF.,-----	2,964,769	120,290	2,489,175		339,328		15,967	-----
SAN FRANCISCO HARBOR, CALIF.,-----	1,752,193	721,625	796,540		90,003		143,665	151
SAN JOAQUIN RIVER AND TRIBUTARIES-----	3,920,171	848,591	1,788,209		357,819		923,556	2,000
SAN PABLO BAY AND MARE ISLAND STRAIT, CALIF.,-----	5,650,989	1,315,588	531,453		3,247,410		556,538	-----
SUISUN BAY CHANNEL, CALIF.,-----	1,215,339	25,521	51,274		985,653		142,296	10,595
OTHER-----	12,790,250	8,055	45,953		6,531,920		6,173,464	31,258
TOTAL-----	65,268,871	72,390,680	8,765,796	10,543,058	38,688,583	-----	14,243,618	149,625
CHICAGO, ILL. AND IND.,-----								
BUFFINGTON HARBOR, IND.,-----	1,339,698	39,311	186,827		1,077,370		116,190	-----
GARY HARBOR, IND.,-----	4,870,639	330,892	1,401		6,280,561		257,784	1
INDIANA HARBOR, IND.,-----	16,898,932	1,125,685	25,834		13,199,413		1,104,600	1,447,400
PORT OF CHICAGO, ILL.,-----	39,993,244	1,933,732	2,418,895		32,034		16,739,524	2,507,370
TOTAL-----	56,957,651	58,192,513	3,429,620	2,552,957	32,034	29,915,033	18,218,098	3,954,771

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TABLE 4--COMMERCE AT SELECTED PORTS ON THE GREAT LAKES, CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

PORT	TOTAL	FOREIGN				DOMESTIC					
		IMPORTS		EXPORTS		LAKEWISE		COASTWISE		INTERNAL	LOCAL
		CANADIAN	OVERSEAS	CANADIAN	OVERSEAS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS		
ILLINOIS											
PORT OF CHICAGO	32,993,244	1,272,082	661,690	1,981,832	837,863	6,772,061	2,989,628	9,234	22,800	16,739,524	2,987,370
HAUKENGAN HARBOR	286,363					286,363					20
INDIANA											
BUFFINGTON HARBOR	1,339,698										
BURNS WATERWAY HARBOR	6,462,020	298,114	131,314	82	88,678	4,914,768	359,032			670,023	9
GARY HARBOR	6,870,639										
INDIANA HARBOR	16,898,932	1,101,372	24,313	25,834		10,412,721	2,782,692			1,104,600	1,447,400
MICHIGAN											
ALABASTER	389,864										
ALPENA HARBOR	2,737,030	2,783		7,350		639,980	2,086,934				63
CALCITE	7,452,156										
DRUMMOND ISLAND	1,489,324			291,439			1,197,885				
ESCANABA	11,240,618										
FRANKFORT HARBOR	944,526					598,855	345,673				
GRAND HAVEN HARBOR AND GRAND RIVER	585,202	76,374				394,633	188,569				
HOLLAND HARBOR	263,177	23,786	4,322			239,669					
LUDINGTON HARBOR	2,129,001	12				1,063,443	1,069,540				6
MARINE CITY	281,682					281,682					
MARYSVILLE	614,980	120,669				288,339	188,717		15,855		
MONROE HARBOR	2,768,541					2,768,541					
MUSKOGON HARBOR	1,235,315		9,627			1,212,651				12,998	39
PETOSKEY PENN DIXIE HARBOR	371,881										
PORT DOLOMITES	2,978,917										
PORT GYPSUM	339,907										
PORT HURON	695,640	187,684	94	329,551	23,956	154,395					
PORT INLAND	3,005,691										
PORT OF DETROIT	19,268,443	834,440	416,723	133,944	534,739	16,756,953	313,125	47,164			237,557
PRESQUE ISLE HARBOR	7,881,252			3,741,888		1,496,010	2,644,154				
ST. CLAIR	3,726,267	12,266		129		3,713,676					
ST. JOSEPH HARBOR	445,889					368,367	77,522				
STONEPORT	7,354,310										
TRAVERSE CITY HARBOR	323,314					323,314					
MINNESOTA											
DULUTH - SUPERIOR HARBOR	41,434,568	330,268	13,968	9,192,794	4,386,244	1,626,662	29,884,828				420
SILVER BAY	4,871,456										
TACONITE HARBOR	7,027,556										
TWO HARBORS (ABATE BAY)	11,157,604						11,157,598				14
NEW YORK											
OSWEGO HARBOR	860,144	663,858	11,917	9,089		178,388	8,961				11
PORT OF BUFFALO	5,986,470	722,557	14,452	4,555	32,638	4,777,171	299,911		19,217	42,923	77,046
OHIO											
ASHTABULA HARBOR	10,074,956	1,442,211	199,274	4,296,652		3,116,895	1,062,841				83
CLEVELAND HARBOR	14,045,151	2,815,518	268,273	386,533	16,371	10,268,367	269,929		14,050		96,114
CONNEAUT HARBOR	10,654,609	1,348,778		9,738,696		9,249,787	2,317,158				150
FAIRPORT HARBOR	1,906,627	199,130		320,053		1,113,796	157,706				119,942
HURON HARBOR	2,129,061	28,796		342,636	87,265	1,653,031	16,261				172
LONGIN HARBOR	8,151,368	56,889		72,923	114	7,541,802	314,380				166,060
MARBLEHEAD	1,030,290										
SANDUSKY HARBOR	6,412,386	42,460		3,936,908		105,152	2,686,529				41,337
TOLEDO HARBOR	22,263,285	309,251	292,525	7,137,599	1,160,179	3,109,949	9,986,148		12,491		255,543
PENNSYLVANIA											
ERIE HARBOR	508,079	83,958	24,980	111	36,714	289,203	9,317				147,880
WISCONSIN											
ASHLAND HARBOR	289,949					289,949					41
DULUTH - SUPERIOR HARBOR	41,434,568	330,268	13,968	9,192,794	4,386,244	1,626,662	29,884,828				420
GREEN BAY HARBOR	2,299,001	117,450	4,567		49,946	2,126,782					336
KESHANKEE HARBOR	1,120,754					553,688	566,464			780	2
MANTOWOC	744,427		62		2,709	479,889	266,167				
MILWAUKEE	4,079,504	228,525	69,900	1,187,599	905,169	2,124,498	48,342			2,945	529
PORT WASHINGTON HARBOR	873,574					872,350	1,180				36

* TONNAGE BY TYPE OF TRAFFIC NOT REPORTED

WATERBORNE COMMERCE OF THE UNITED STATES, 1960

TABLE 9-- COMMERCE ON SELECTED WATERWAYS OF THE UNITED STATES, CALENDAR YEAR 1960

(IN TONS OF 2,000 POUNDS)

WATERWAY	TONS	TOTAL TON- MILES (000 OMITTED)	MILES PER TON
ATLANTIC COAST			
ANACOSTIA RIVER, D. C.	857,951	1,784	2
APPOMATTOX RIVER, VA.	1,153,368	10,391	9
ATLANTIC INTRACOASTAL WATERWAY:			
BETWEEN NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA. (NET)	3,996,144	484,284	121
U. S. ARMY ENGINEER DISTRICT, NORFOLK - VIA DISMAL SWAMP CANAL ROUTE	230,299	4,989	22
U. S. ARMY ENGINEER DISTRICT, NORFOLK - VIA GREAT BRIDGE LOCK ROUTE	1,318,828	28,199	21
U. S. ARMY ENGINEER DISTRICT, WILMINGTON	2,683,368	241,328	93
U. S. ARMY ENGINEER DISTRICT, CHARLESTON	1,417,224	142,732	101
U. S. ARMY ENGINEER DISTRICT, SAVANNAH	844,659	49,788	59
U. S. ARMY ENGINEER DISTRICT, JACKSONVILLE	756,740	17,251	25
BAY RIDGE AND RED HOOK CHANNELS, N. Y.	3,943,910	9,859	2
BLACKWATER RIVER, VA.	270,618	3,521	13
BROOK RIVER, N. Y.	418,781	858	2
BUTTERNUT CHANNEL, N. Y.	1,933,881	3,018	2
CAPE COD CANAL, MASS.	13,459,458	239,262	18
CAPE FEAR RIVER ABOVE WILMINGTON, N. C.	293,943	14,749	98
CHANNEL TO NEWPORT NEWS, VA.	26,188,354	138,982	5
CHESAPEE RIVER, MASS.	7,293,888	17,427	2
CHOPTANK RIVER, MD.	247,226	3,456	14
CHOWAN RIVER, N. C.	273,229	12,275	45
CONNEY ISLAND CHANNEL, N. Y.	2,665,287	2,665	1
CONNECTICUT RIVER BELOW HARTFORD, CONN.	1,772,954	67,518	38
DELAWARE BAY - CHESAPEAKE BAY WATERWAY - VIRGINIA PORTION	62,383	5,248	84
DELAWARE RIVER:			
TRENTON, N. J., TO THE SEA (NET)	119,389,114	9,387,767	78
AT CAMDEN, N. J.	3,092,489	0	-----
BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J.	10,364,210	169,767	16
PHILADELPHIA, PA., TO THE SEA	118,997,495	9,137,009	77
EAST CHESTER CREEK, N. Y.	1,653,399	7,008	5
EAST RIVER, N. Y.	44,622,971	554,226	12
EAST ROCKAWAY INLET, N. Y.	1,971,917	1,572	1
FLUSHING BAY AND CREEK, N. Y.	1,660,280	3,625	2
GLEN COVE CREEK, N. Y.	276,861	277	1
GOVANUS CANAL, N. Y.	619,887	817	1
GOVANUS CREEK CHANNEL, N. Y.	2,829,398	2,829	1
GRAVESEND BAY, N. Y.	1,968,548	1,969	1
HACKENSACK RIVER, N. J.	2,663,987	25,721	10
HAMPTON CREEK, VA.	433,882	1,287	3
HARLEM RIVER, N. Y.	598,593	1,881	3
HOUSATONIC RIVER, CONN.	467,444	2,337	5
HUDSON RIVER:			
DEEP WATER IN UPPER BAY, N. Y., TO WATERFORD, N. Y. (NET)	27,383,819	1,824,845	67
MOUTH OF SPUYTEN DUYVIL CREEK (HARLEM RIVER) TO WATERFORD, N. Y.	23,284,150	1,541,986	67
HUDSON RIVER CHANNEL, N. Y. AND N. J.	26,273,412	262,859	10
INLAND WATERWAY FROM DELAWARE RIVER TO CHESAPEAKE BAY, DEL. AND MD. - CHESAPEAKE AND DELAWARE CANAL	15,975,868	734,232	46
INTRACOASTAL WATERWAY:			
JACKSONVILLE TO MIAMI, FLA.	1,214,679	29,350	24
MIAMI TO KEY WEST, FLA.	686,879	82,321	76
JAMES RIVER, VA.	3,315,954	39,883	12
LOWER ENTRANCE CHANNELS, NEW YORK HARBOR, N. Y.	7,853,114	468,945	68
RAMON RIVER, DEL.	98,979,576	989,796	10
MIAMI RIVER, FLA.	246,483	268	1
MYSTIC RIVER, MASS.	394,391	1,194	3
NANTICOK RIVER (INCLUDING NORTHWEST FORK), DEL. AND MD.	6,849,599	6,986	1
NARROWS OF LAKE CHAMPLAIN, N. Y. AND VT.	341,189	12,141	34
NEUSE RIVER, N. C.	618,782	11,137	18
NEW YORK AND NEW JERSEY CHANNELS, N. Y. AND N. J.	146,881	3,438	23
NEWARK BAY, N. J.	122,624,534	1,354,675	11
NEWTON CREEK, N. Y.	25,918,940	73,266	3
NORTHEAST (CAPE FEAR) RIVER, N. C.	3,486,870	6,259	2
OYSTER BAY, N. Y.	379,781	1,699	5
PAMLICO AND TAR RIVERS, N. C.	674,137	1,226	2
PASSAIC RIVER, N. J.	846,583	21,164	25
PENOBSCOT RIVER, MAINE	8,318,199	14,622	2
PISCATAQUA RIVER, MAINE AND N. H.	1,459,210	18,576	13
POCOMOKE RIVER, MD. AND VA.	2,783,781	11,742	4
POTOMAC RIVER BELOW WASHINGTON, D. C.	149,625	2,709	18
RAPPAHANNOCK RIVER, VA.	4,292,350	272,325	63
RARITAN RIVER TO ARTHUR KILL CUT-OFF CHANNEL, N. J.	161,854	6,128	38
RARITAN RIVER, N. J.	2,986,336	2,986	1
ROANOKE RIVER, N. C.	6,399,488	23,423	4
SAVANNAH RIVER BELOW AUGUSTA, GA.	327,887	6,727	21
SCHUYLKILL RIVER, PA.	26,889	4,657	174
SHIPYARD RIVER, S. C.	14,364,988	44,495	3
ST. JOHNS RIVER, FLA., JACKSONVILLE TO LAKE HARNEY	869,429	869	1
THAMES RIVER, CONN.	1,476,287	191,185	102
TOWN RIVER, MASS.	744,568	4,322	6
UPPER BAY, NEW YORK HARBOR, N. Y. AND N. J.	535,847	536	1
WESTCHESTER CREEK, N. Y.	143,327,848	486,653	3
WETHMOUTH FORD RIVER, MASS.	574,149	1,319	2
WICOMICO RIVER (EASTERN SHORE), MD.	1,583,833	12,047	8
WILMINGTON HARBOR, N. C. (SEE PORT OF WILMINGTON, N.C., FOR PORT DATA)	983,874	24,688	25
YORK RIVER, VA.	8,482,279	211,887	25
	7,278,620	51,544	7
GREAT LAKES			
CALUMET - SAG CHANNEL, ILL.	6,042,897	137,079	23
CHANNELS IN LAKE ST. CLAIR, MICH.	83,914,264	88	-----
CHICAGO RIVER (MAIN AND NORTH BRANCH), ILL.	2,625,987	3,956	2
CHICAGO RIVER (SOUTH BRANCH), ILL.	3,910,789	13,471	4

INCLUDED IN DELAWARE RIVER, PHILADELPHIA, PA.; TO THE SEA.

INCLUDED IN ST. CLAIR RIVER, MICH.

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TABLE 3-- COMMERCE ON SELECTED WATERWAYS OF THE UNITED STATES, CALENDAR YEAR 1988--CONTINUED
(IN TONS OF 2,000 POUNDS)

WATERWAY	TONS	TOTAL TON- MILES (1988 OMITTED)	MILES PER TON
GREAT LAKES - CONTINUED			
CHICAGO SANITARY AND SHIP CANAL, ILL.	22,487,576	354,469	16
DETROIT RIVER, MICH.	92,072,833	2,507,683	27
GRAYS RESERVOIR PASSAGE, MICH.	6,020,552	0	-----
ILLINOIS WATERWAY, ILL.	45,526,962	8,798,795	193
NIAGARA RIVER, N.Y.	563,576	3,580	6
ROUSE RIVER, MICH.	10,277,336	0	-----
SAGINAW RIVER, MICH.	3,081,260	0	-----
ST. CLAIR RIVER, MICH.	89,010,353	3,174,691	36
ST. MARYS FALL CANAL, MICHIGAN AND SAULT STE. MARIE, ONTARIO SHIP CANAL, CANADA	75,048,948	0	-----
ST. MARYS RIVER, MICH.	74,310,047	4,427,950	60
GULF COAST			
ALABAMA - COOSA RIVERS, ALA. AND GA.	1,501,446	193,278	102
ANAHUAC CHANNEL, TEX.	271,734	1,359	5
APALACHICOLA, CHATTAHOOCHEE, AND FLINT RIVERS, GA. AND FLA.	783,656	81,956	105
ATCHAFALAYA RIVER, LA., MORRIS CITY TO GULF OF MEXICO	2,828,294	97,353	34
BARATARIA BAY WATERWAY, LA.	2,029,846	5,795	3
BAYOU CASOTTE, MISS.	28,978,090	97,153	1
BAYOU CHICO, FLA.	323,006	376	5
BAYOU LAFOURCHE AND LAFOURCHE - JUMP WATERWAY, LA.	1,062,668	14,360	14
BAYOU LITTLE CAILLOU, LA.	423,126	1,361	3
BAYOU TACHE AND VERMILION RIVER, LA.	959,410	1,568	12
BAYOU TACHE, LA.	425,491	25,852	61
BAYOU VERMOREL, LA.	639,665	12,481	21
BLACK WARRIOR AND TOMBIGBEE RIVERS, ALA.	14,708,082	517,559	350
BRAZOS ISLAND HARBOR, TEX. (WATERWAY)	2,874,661	21,589	7
CALCASIEU RIVER AND PASS, LA.	20,750,300	453,061	22
CEDAR BAYOU, TEX.	328,513	4,193	13
CHANNEL TO VICTORIA, TEX.	3,303,122	96,314	29
CHICKASAW CREEK, ALA.	2,030,348	4,893	2
CHOCOLATE BAYOU, TEX.	2,934,858	26,186	9
COLORADO RIVER AND FLOOD DISCHARGE CHANNELS, TEX.	436,589	6,153	14
CORPUS CHRISTI SHIP CHANNEL, TEX.	45,001,096	905,122	20
ESCAMBIA AND CONEJUN RIVERS, FLA. AND ALA., ESCAMBIA BAY, FLA.	1,920,425	38,975	20
GULF COUNTY CANAL, FLA.	741,029	4,423	6
GULF INTRACOASTAL WATERWAY:			
BETWEEN APALACHEE BAY, FLA., AND THE MEXICAN BORDER	94,512,197	16,512,229	175
MORGAN CITY - PORT ALLEN ROUTE	19,086,976	1,176,262	62
MOUHA NAVIGATION CANAL, LA.	1,143,735	22,858	20
INNERHARBOR NAVIGATION CANAL, LA.	7,076,808	24,329	3
INTRACOASTAL WATERWAY, CALOOSAHATCHEE RIVER TO ANCLOTE RIVER, FLA.	1,215,316	45,073	37
JOHNSONS BAYOU, LA.	568,057	2,369	4
LAKE MAUREPAS, LA.	476,113	3,333	7
LAKE PONTCHARTRAIN, LA.	3,831,892	88,478	21
MATAGORDA SHIP CHANNEL, TEX.	3,991,089	99,497	25
MENTAUBAU RIVER, BAYOUS MEZPIQUE AND DES CANNES, LA.	1,841,696	57,761	31
MENTAUBAU RIVER, LA.	670,927	17,879	27
OREGON RIVER, TEX.	972,424	26,768	28
PASS MANCHAC, LA.	360,613	2,664	7
PETIT ANSE, TIGRE AND CARLIN BAYOUS, LA.	1,730,794	11,395	7
SABINE - NECHES WATERWAY, TEX.	108,133,592	3,338,505	31
SAN BERNARD RIVER, TEX.	673,748	18,447	24
ST. MARKS RIVER, FLA.	1,594,829	28,484	13
THREE MILE CREEK, ALA.	3,968,948	1,000	0
TRIBUTARY ARROYO COLORADO, TEX.	623,292	15,365	25
TRINITY RIVER, CHANNEL TO LIBERTY, TEX.	230,049	3,141	14
WATERWAY FROM EMPIRE, LA., TO GULF OF MEXICO	417,337	3,576	9
WATERWAY FROM INTRACOASTAL WATERWAY TO BAYOU OULAC, LA. (BAYOUS LE CARPE AND GRAND CAILLOU)	688,208	5,018	7
WATSON BAYOU, FLA.	367,593	431	1
MISSISSIPPI RIVER SYSTEM			
ALLEGHENY RIVER, PA. (IMPROVED PORTION)	5,012,399	74,904	15
ATCHAFALAYA RIVER, LA.	4,327,349	232,215	54
BARNLEY CANAL, CUMBERLAND AND TENNESSEE RIVERS	3,332,538	6,665	2
BIG SANDY RIVER, TUG AND LEVISA FORKS, KY. AND W. VA.	2,491,796	11,400	5
CUMBERLAND RIVER:			
MOUTH TO MILE 552 (NET)	12,348,920	1,038,867	63
MOUTH TO NASHVILLE, TENN.	12,348,920	1,023,721	63
NASHVILLE, TENN., TO MILE 552	271,206	7,146	26
OREN AND BARREN RIVERS, KY.	9,083,139	752,428	75
MINNESOTA RIVER, TENN.	649,546	12,197	19
ILLINOIS RIVER, ILL.	41,703,337	8,293,686	199
KANAWHA RIVER, W. VA.	14,673,829	872,623	39
KASKASKIA RIVER, ILL.	2,045,579	51,094	25
KENTUCKY RIVER, KY.	292,274	19,058	65
MINNESOTA RIVER, MINN.	2,713,844	36,219	14
MISSISSIPPI RIVER:			
MINNEAPOLIS, MINN., TO MOUTH OF PASSES (NET)	441,544,076	168,732,879	382
MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	76,394,876	15,157,722	198
MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	92,914,558	15,995,139	172
MOUTH OF OHIO RIVER TO GULF NOT INCLUDING BATON ROUGE, LA.	146,271,193	86,336,863	604
BATON ROUGE, LA., TO GULF NOT INCLUDING NEW ORLEANS, LA.	323,684,966	21,212,659	66
NEW ORLEANS, LA., TO MOUTH OF PASSES	292,334,888	28,038,500	96
MISSISSIPPI RIVER - GULF OUTLET, LA.	5,541,464	386,508	69
MISSOURI RIVER:			
FORT BENTON, MONT., TO THE MOUTH (NET)	9,914,779	1,338,389	226
KANSAS CITY TO THE MOUTH	5,536,781	981,687	177
OMAHA TO KANSAS CITY	2,067,868	322,191	156

• TON-MILES NOT REPORTED.
• LESS THAN 0.5 MILE.

WATERBORNE COMMERCE OF THE UNITED STATES, 1980

TABLE 5-- COMMERCE ON SELECTED WATERWAYS OF THE UNITED STATES, CALENDAR YEAR 1980--CONTINUED
(IN TONS OF 2,000 POUNDS)

WATERWAY	TONS	TOTAL TON- MILES (000 OMITTED)	MILES PER TON
MISSISSIPPI RIVER SYSTEM - CONTINUED			
SIoux CITY TO OMAHA-----	394,874	32,036	81
FORT BENYON TO SIOUX CITY-----	2,588	13	6
HONONGAMELA RIVER, PA. AND N. VA.-----	34,310,879	1,587,088	44
MOUTH OF YAZOO RIVER, MISS.-----	1,541,789	7,241	5
OHIO RIVER, PITTSBURGH TO MOUTH-----	155,906,719	38,713,852	248
QUACHITA AND BLACK RIVERS, ARK. AND LA.-----	814,130	97,487	128
RED RIVER BELOW FULTON, ARK.-----	1,735,448	92,887	33
ST. CROIX RIVER, WIS. AND MINN.-----	1,437,497	31,830	22
TENNESSEE RIVER, TENN., ALA. AND KY.-----	29,396,552	5,330,100	181
WHITE RIVER, ARK., BELOW BATESVILLE, ARK.-----	767,938	84,916	111
WOLF RIVER, TENN.-----	1,142,222	4,297	4
YAZOO RIVER, MISS.-----	516,881	44,688	86
PACIFIC COAST			
CARQUINEZ STRAIT, CALIF.-----	25,341,942	171,269	7
COEUR D'ALENE LAKE AND ST. JOE RIVER, IDAHO-----	361,446	9,798	27
COLUMBIA RIVER:			
MOUTH TO INTERNATIONAL BOUNDARY (NET)-----	49,178,984	4,885,378	99
AT BAKER BAY, WASH.-----	3,192	16	5
COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WASH., AND PORTLAND, OREG.-----	48,846,515	3,248,598	68
VANCOUVER, WASH., TO THE DALLES, OREG.-----	10,744,889	614,017	57
COLUMBIA RIVER ABOVE THE DALLES DAM, WASH. AND OREG., TO McNARY LOCK, WASH.-----	7,725,286	729,577	94
COLUMBIA RIVER AND TRIBUTARIES ABOVE McNARY LOCK AND DAM TO KENNEDY, WASH.-----	7,238,846	292,955	40
BETWEEN McNARY AND KETTLE FALLS, WASH.-----	26,233	239	9
COOS AND MILLICOMA RIVERS, OREG.-----	1,538,748	11,641	8
DEEP RIVER, WASH.-----	491,678	1,628	3
LAKE WASHINGTON SHIP CANAL, WASH.-----	1,674,133	0	-----
MULTNOMAH CHANNEL, OREG.-----	1,899,276	13,566	7
OLD RIVER, CALIF.-----	387,221	1,611	5
SACRAMENTO RIVER DEEP WATER SHIP CHANNEL, CALIF.-----	2,948,888	128,981	41
SACRAMENTO RIVER, CALIF.-----	2,964,789	128,138	43
SAN JOAQUIN RIVER, CALIF.-----	3,920,171	101,549	26
SAN PABLO AND MARE ISLAND STRAIT, CALIF.-----	38,961,839	357,165	12
BERGUIS AND WHITESTONE NARROWS, ALASKA-----	901,824	0	-----
SKIPANON CHANNEL, OREG.-----	263,358	369	1
SNAKE RIVER, OREG., WASH., AND IDAHO-----	5,063,413	375,625	74
SUISUN BAY CHANNEL, CALIF.-----	8,092,843	91,888	11
SWINOMISH CHANNEL, WASH.-----	653,571	2,126	3
UMPUQUA RIVER, OREG.-----	1,019,646	8,932	9
WILLAMETTE RIVER ABOVE PORTLAND AND YAMHILL RIVER, OREG.-----	5,486,848	23,519	4
WRANGELL NARROWS, ALASKA-----	1,019,065	23,682	23
YOUNGS BAY AND YOUNGS RIVER, OREG.-----	725,294	1,609	2
YUKON RIVER, ALASKA-----	52,718	5,858	111

* TON-MILES NOT REPORTED.

TABLE 6--TON-MILEAGE OF FREIGHT CARRIED ON THE INLAND WATERWAYS OF THE UNITED STATES, BY SYSTEM, CALENDAR YEARS 1979-1980
(000 OMITTED)

SYSTEM	1979	1980
ATLANTIC COAST WATERWAYS-----	31,929,470	30,481,892
GULF COAST WATERWAYS-----	38,052,138	40,278,373
PACIFIC COAST WATERWAYS-----	14,144,892	14,871,249
MISSISSIPPI RIVER SYSTEM, INCLUDING OHIO RIVER AND TRIBUTARIES-----	218,776,279	229,930,466
GREAT LAKES SYSTEM-----	121,666,371	96,834,192
TOTAL-----	424,569,150	406,874,282

* DOES NOT INCLUDE TRAFFIC BETWEEN FOREIGN PORTS.

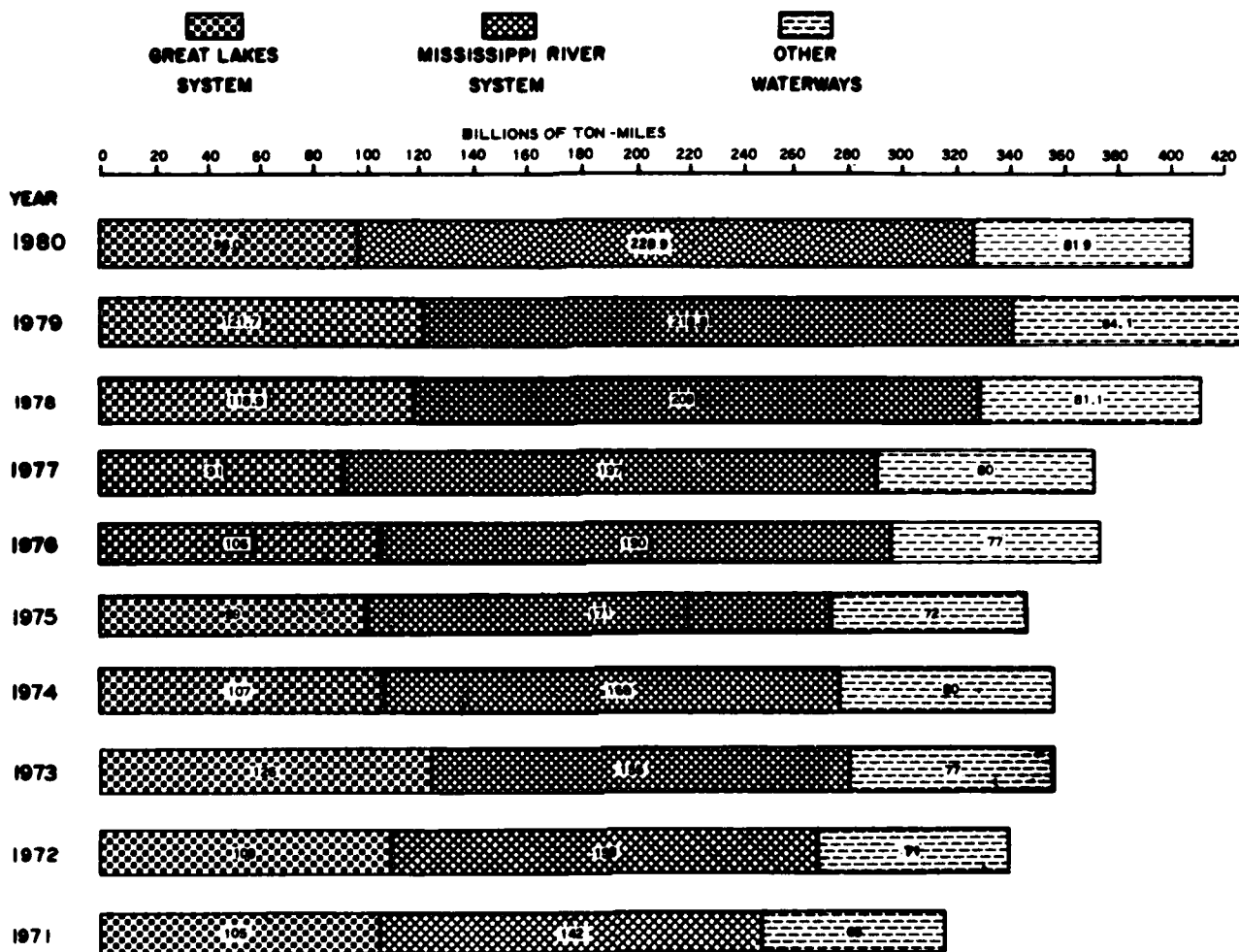
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TABLE 7 - TON-MILEAGE OF UNITED STATES FREIGHT CARRIED ON THE GREAT LAKES BY AREA, CALENDAR YEAR 1980
(000 OMITTED)

AREA	AREA TOTALS	FOREIGN						DOMESTIC						LOCAL
		OVERSEAS		CANADIAN		COASTWISE		LAKESWISE		INTERNAL				
		RECEIPTS AND SHIPMENTS	THROUGH SHIPMENTS	RECEIPTS AND SHIPMENTS	THROUGH SHIPMENTS	RECEIPTS AND SHIPMENTS	THROUGH SHIPMENTS	RECEIPTS AND SHIPMENTS	THROUGH SHIPMENTS	RECEIPTS AND SHIPMENTS	THROUGH SHIPMENTS			
LAKE SUPERIOR	25,225,927	1,687,680	-----	3,179,096	-----	-----	-----	20,359,110	-----	-----	-----	-----	31	
ST. MARYS RIVER	4,427,957	14	277,213	6,610	525,816	-----	-----	17,009	3,661,094	-----	-----	-----	1	
LAKE MICHIGAN INCLUDING THE PORT OF CHICAGO (CHICAGO HARBOR, NORTH BRANCH, SOUTH BRANCH, SANITARY SHIP CANAL, CALUMET-SAG CHANNEL, LAKE CALUMET AND CALUMET HARBOR AND RIVER)	15,493,761	762,070	-----	2,026,639	1,361	-----	851	12,176,890	-----	-----	454,964	263	68,523	
LAKE HURON	20,091,924	6,424	1,569,019	451,340	3,383,333	-----	49	2,714,071	11,964,530	157	-----	-----	2,993	
ST. CLAIR RIVER, INCLUDING CHANNELS IN LAKE ST. CLAIR	4,685,147	1,323	392,360	14,349	930,569	793	11	96,633	3,249,689	-----	-----	-----	-----	
DETROIT RIVER	2,507,684	27,448	214,134	14,760	552,136	1,153	498	253,368	1,450,550	-----	-----	-----	437	
LAKE ERIE, INCLUDING UPPER NIAGARA RIVER	14,598,376	427,047	1,735,516	4,108,715	2,500,900	9,943	16,285	9,756,094	37,671	1,126	-----	-----	8,373	
WELLAND CANAL	1,075,193	-----	268,215	647	793,521	-----	3,117	-----	8,700	-----	995	-----	-----	
LAKE ONTARIO, INCLUDING LOWER NIAGARA RIVER	4,897,405	584	1,589,408	452,460	2,741,079	-----	18,427	25,288	22,697	-----	7,361	-----	1	
ST. LAWRENCE RIVER, BETWEEN INTERNATIONAL BOUNDARY LINE AND LAKE ONTARIO	3,070,824	930	1,113,920	3,239	1,926,088	368	12,642	11,053	-----	2,575	-----	-----	-----	
TOTAL	96,034,192	2,904,720	7,159,783	10,758,297	13,354,823	8,708	51,029	41,412,424	20,334,699	498,822	8,959	-----	88,399	

WATERBORNE COMMERCE OF THE UNITED STATES, 1980
TON-MILES OF FREIGHT CARRIED ON THE WATERWAYS OF THE
UNITED STATES, 1971-1980



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TABLE 8--COMPARATIVE STATEMENT OF TRAFFIC ON THE MISSISSIPPI RIVER SYSTEM, CALENDAR YEARS 1971-1980

(NET TRAFFIC)

YEAR	FOREIGN AND COASTWISE TRAFFIC				TOTAL	INLAND TRAFFIC	GRAND TOTAL
	FOREIGN		COASTWISE				
	IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS			
	SHORT TONS						
1971	18,796,169	29,991,313	9,986,270	37,980,891	92,354,643	383,246,248	395,600,891
1972	19,192,053	29,933,587	7,156,867	26,931,864	93,174,371	328,631,479	419,805,850
1973	27,122,270	47,089,746	8,710,267	19,683,286	102,345,760	317,996,614	419,942,374
1974	37,329,279	47,089,746	7,624,359	20,711,578	112,754,958	330,889,682	442,644,560
1975	49,934,905	47,615,390	8,678,708	21,104,606	123,325,607	330,887,155	453,412,723
1976	67,027,258	59,869,890	8,988,222	17,376,125	128,855,495	345,518,848	474,373,343
1977	66,828,423	59,628,562	9,728,794	19,905,140	135,282,919	351,643,517	486,926,436
1978	66,374,312	67,252,686	14,332,003	17,486,538	137,563,541	355,864,514	492,928,055
1979	105,858,988	73,255,062	12,788,791	20,274,910	212,169,751	378,797,973	590,967,724
1980	90,772,105	86,290,660	17,768,198	23,811,964	216,642,927	365,569,149	582,212,076
	TON-MILES (000 OMITTED)						
1970	2,820,543	4,989,021	749,087	4,174,556	12,653,207	125,888,428	138,541,635
1971	3,149,830	4,354,942	1,427,594	4,070,424	12,602,790	129,789,686	142,392,476
1972	3,290,878	5,842,724	1,263,379	3,624,114	14,021,095	144,432,278	158,453,373
1973	4,662,467	6,621,046	1,513,704	2,681,673	15,478,890	139,788,892	155,267,782
1974	6,480,950	6,631,963	1,365,044	2,850,879	17,328,836	150,888,689	168,217,525
1975	7,974,733	6,935,765	1,474,754	3,016,699	19,401,991	151,283,215	170,685,206
1976	11,713,368	8,829,962	1,473,469	2,639,613	24,656,412	164,839,947	189,496,359
1977	16,236,158	8,821,136	1,744,892	3,109,673	29,911,859	166,923,758	196,835,617
1978	16,771,655	10,103,652	2,707,942	2,744,761	32,324,813	176,483,653	208,807,666
1979	17,992,665	11,062,598	2,605,616	3,079,659	34,339,938	184,436,341	218,776,279
1980	15,135,789	12,965,425	3,550,956	3,786,662	35,438,232	193,492,234	228,930,466

* INCLUDES THE MAIN CHANNELS AND ALL TRIBUTARIES OF THE MISSISSIPPI, ILLINOIS, MISSOURI, AND OHIO RIVERS.

TABLE 9--COMPARATIVE STATEMENT OF TRAFFIC ON THE MISSISSIPPI RIVER FROM MINNEAPOLIS, MINN., TO THE MOUTH OF PASSES, CALENDAR YEARS 1971-1980

(NET TRAFFIC)

YEAR	FOREIGN AND COASTWISE TRAFFIC					TOTAL	INLAND TRAFFIC	GRAND TOTAL
	FOREIGN		COASTWISE					
	IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS				
	SHORT TONS							
1971	18,796,169	29,991,313	5,986,270	37,980,891	92,354,643	162,885,124	255,239,767	
1972	19,192,053	29,933,587	7,156,867	26,931,864	93,174,371	178,886,043	271,980,414	
1973	27,122,233	46,829,974	8,710,267	19,683,286	102,345,760	174,881,136	276,346,896	
1974	37,329,279	47,089,746	7,624,359	20,711,578	112,754,958	189,613,656	302,368,614	
1975	49,934,905	47,615,390	8,678,708	21,104,606	123,328,607	187,913,877	311,239,484	
1976	67,027,258	59,869,890	8,988,222	17,376,125	128,855,495	203,328,232	332,183,727	
1977	66,828,423	59,628,562	9,728,794	19,905,140	135,282,919	211,688,297	346,971,216	
1978	66,374,312	67,282,686	14,332,003	17,486,538	137,563,541	215,592,119	353,155,660	
1979	105,858,988	73,255,062	12,788,791	20,274,910	212,169,751	218,880,928	430,170,679	
1980	90,772,105	86,290,660	17,768,198	23,811,964	216,642,927	222,981,151	439,624,078	
	TON-MILES (000 OMITTED)							
1970	2,820,543	4,989,021	749,087	4,174,556	12,653,207	77,955,455	90,608,662	
1971	3,149,830	4,354,942	1,427,594	4,070,424	12,602,790	81,148,044	93,750,834	
1972	3,290,878	5,842,724	1,263,379	3,624,114	14,021,095	93,455,455	107,476,550	
1973	4,662,468	6,621,046	1,513,704	2,681,673	15,478,890	91,479,129	106,958,019	
1974	6,480,950	6,631,963	1,365,044	2,850,879	17,328,836	99,683,318	116,912,154	
1975	7,974,733	6,935,765	1,474,754	3,016,699	19,401,991	99,715,064	119,117,055	
1976	11,713,368	8,829,962	1,473,469	2,639,613	24,656,412	112,964,437	137,620,849	
1977	16,236,158	8,821,136	1,744,892	3,109,673	29,911,859	109,554,793	139,466,652	
1978	16,771,655	10,103,652	2,707,942	2,744,761	32,324,813	118,189,016	150,513,829	
1979	17,992,665	11,062,598	2,605,616	3,079,659	34,339,938	120,669,020	155,009,958	
1980	15,135,789	12,965,425	3,550,956	3,786,662	35,438,232	133,294,666	168,732,898	

WATERBORNE COMMERCE OF THE UNITED STATES, 1980

TABLE 18--DOMESTIC BARGE TRAFFIC:1 COMMODITY BY TYPE OF TRAFFIC
CALENDAR YEAR 1980
(IN TONS OF 2,000 POUNDS)

COMMODITY	BARGE TRAFFIC						PERCENT BARGE TO TOTAL DOMESTIC	TOTAL DOMESTIC TRAFFIC
	COASTWISE	LAKEWISE	INTERNAL	LOCAL	INTRA- TERRITORY	TOTAL		
FARM PRODUCTS								
0101 COTTON, RAW-----	3,700		1,766			5,466	97.4	5,917
0102 BARLEY AND RYE-----	5,832		127,334			133,166	51.8	257,194
0103 CORN-----	295,652		38,438,485	77,988		38,804,848	98.8	38,857,888
0104 OATS-----			173,484			173,484	98.2	176,688
0105 RICE-----	63,221		351,765		2,947	417,933	86.7	481,986
0106 SORGHUM GRAINS-----			419,409			419,409	99.9	419,524
0107 WHEAT-----	293,267		12,578,670	51,954		12,879,831	88.8	14,336,965
0111 SOYBEANS-----	2,803		13,921,912	164,256		16,008,971	98.8	16,128,983
0112 FLAXSEED-----								43
0119 OILSEEDS, NEC-----	3,986		144,188			148,114	99.5	148,868
0121 TOBACCO, LEAF-----								6,372
0122 HAY AND FODDER-----	5,888		17,489			23,297	95.9	24,287
0129 FIELD CROPS, NEC-----	294		978			1,272	12.2	10,403
0131 FRESH FRUITS AND TREE NUTS-----	217,445				7,817	225,262	69.3	325,264
0132 BANANAS AND PLANTAINS-----								8
0133 COFFEES-----	2		8,874	109,354		118,230	74.2	159,321
0134 COCOA BEANS-----								14,423
0141 FRESH AND FROZEN VEGETABLES-----	59,604		4,786		7,828	72,218	21.6	334,770
0191 LIVE ANIMALS-----	48,457		40			48,497	95.9	50,556
0161 ANIMALS AND PRODUCTS, NEC-----	461		13,502			13,963	38.8	36,019
0191 MISCELLANEOUS FARM PRODUCTS-----	246		156			402	4.1	9,775
FOREST PRODUCTS								
0841 CRUDE RUBBER AND ALLIED GUMS-----			226			226	4.6	4,910
0841 FOREST PRODUCTS, NEC-----	49		3,663			3,712	2.4	155,338
FRESH FISH & OTHER MARINE PRODUCTS								
0911 FRESH FISH, EXCEPT SHELLFISH-----	4,386		6,749			11,135	1.7	647,855
0912 SHELLFISH, EXCEPT PREPARED-----	331					331	.1	588,424
0913 MENHADEN-----								123,332
0931 MARINE SHELLS, UNMANUFACTURED-----			7,878,892	830,401		8,709,293	94.2	9,241,231
METALLIC ORES								
1011 IRON ORE AND CONCENTRATES-----	65	2,675,703	3,037,663	18,694		5,732,125	8.8	64,853,556
1021 COPPER ORE AND CONCENTRATES-----	18		15,398			15,416	97.3	15,836
1051 ALUMINUM ORES, CONCENTRATES-----		1,401	493,841			495,332	100.0	495,332
1061 MANGANESE ORES, CONCENTRATES-----		1,472	508,701	1,421		511,594	100.0	511,594
1091 NONFERROUS ORES, CONCENT, NEC-----	10,717		707,232	13,088		731,029	99.6	734,877
COAL								
1121 COAL AND LIGNITE-----	3,248,178	66,877	131,521,535	6,865,588		141,702,178	86.3	164,118,897
CRUDE PETROLEUM								
1311 CRUDE PETROLEUM-----	576,720		34,508,983	5,579,281		40,656,984	23.3	174,190,732
NONMETALLIC MINERALS, EXCEPT FUELS								
1411 LIMESTONE-----	1,032	19,319	3,652,284	523,477		4,196,112	17.6	23,868,434
1421 BUILDING STONE, UNWORKED-----				7,225		7,225	94.5	7,648
1442 SAND, GRAVEL, CRUSHED ROCK-----	4,161,982	400	49,068,241	6,329,820		59,252,363	97.5	60,767,310
1451 CLAY-----	3,484		998,163	4,464		998,111	77.3	1,291,256
1471 PHOSPHATE ROCK-----	8,253,503		1,177,548			9,431,051	99.5	9,480,974
1479 NATURAL FERTILIZER MATS, NEC-----	22,800					22,800	99.9	22,830
1492 SULPHUR, DRY-----	16,763		5,376			22,139	99.7	22,207
1493 SULPHUR, LIQUID-----			4,499,659	279,788		4,779,439	49.0	9,749,219
1494 GYPSUM, CRUDE AND PLASTERS-----	4,772					4,772	.6	747,345
1499 NONMETALLIC MINERALS, NEC-----	108,075		4,988,928	48,657		5,057,668	88.2	5,669,412
ORDNANCE & ACCESSORIES								
1911 ORDNANCE AND ACCESSORIES-----	1,289		1,039			2,328	47.2	3,463
FOOD & KINDRED PRODUCTS								
2011 MEAT, FRESH, CHILLED, FROZEN-----	1,273				12,349	13,622	6.8	199,330
2012 MEAT AND PRODUCTS, NEC-----	20		2,794			2,814	3.2	89,245
2014 TALLOW, ANIMAL FATS AND OILS-----	23,894		302,874	96,807		423,575	99.5	425,712
2015 ANIMAL BY-PRODUCTS, NEC-----			8,522			8,522	39.1	21,799
2021 DAIRY PRODUCTS, NEC-----	7,998		4			8,002	12.5	63,994
2022 DRIED MILK AND CREAM-----	541		1,132			1,673	4.2	40,206
2031 FISH AND SHELLFISH, PREPARED-----	77,559		985			78,544	22.6	347,425
2034 VEGETABLES AND PREP, NEC-----	30,837		12,977			43,814	16.7	257,505
2039 PREP FRUIT AND VEG JUICE, NEC-----	983		7,127			8,110	.6	489,066
2041 WHEAT FLOUR AND SEMOLINA-----	6,805		154,563	1,438		162,798	75.4	215,996
2042 PREPARED ANIMAL FEEDS-----	71,045		4,232,702	9,569	1,162	4,314,478	96.7	4,463,886
2049 GRAIN MILL PRODUCTS, NEC-----	119,024		7,089,984	23,526	1,115	7,153,649	99.0	7,224,701
2061 SUGAR-----	968,638		538,627		1,361	1,508,626	57.0	2,649,662
2062 MOLASSES-----	19,511		358,983	56,853		431,347	57.5	750,277
2081 ALCOHOLIC BEVERAGES-----	80,588		2,210		11,945	74,263	12.8	581,180
2091 VEGETABLE OILS, MARG, SHORT-----	38,960		1,243,916	326,423		1,609,299	98.3	1,636,436
2092 ANIMAL OILS AND FATS, NEC-----			65,668	23,496		89,164	97.1	91,786
2094 GROCERIES-----	38,871		326			39,197	14.4	273,998
2095 ICE-----								117,992
2099 MISCELLANEOUS FOOD PRODUCTS-----	289,674		40,996		6,799	337,379	52.9	638,659

NON-SELF PROPELLED VESSELS.

NATIONAL SUMMARIES

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TABLE 10--DOMESTIC BARGE TRAFFIC: COMMODITY BY TYPE OF TRAFFIC--CONTINUED
 CALENDAR YEAR 1980
 (IN TONS OF 2,000 POUNDS)

COMMODITY	BARGE TRAFFIC						PERCENT BARGE TO TOTAL DOMESTIC	TOTAL DOMESTIC TRAFFIC
	COASTWISE	LAKEWISE	INTERNAL	LOCAL	INTRA- TERRITORY	TOTAL		
TOBACCO PRODUCTS								
2111 TOBACCO MANUFACTURES-----	1,181					1,181	7.9	14,975
BASIC TEXTILES								
2211 BASIC TEXTILE PRODUCTS-----	775		6,966		277	8,018	18.7	42,969
2212 TEXTILE FIBERS, NEC-----	270		5,417		2,952	8,639	70.8	12,196
APPAREL & OTHER FINISHED TEXTILE PRODUCTS, INCLUDING KNIT								
2311 APPAREL-----	28,278		315			28,593	23.7	120,620
LUMBER & WOOD PRODS., EXC. FURNITURE								
2411 LOGS-----	17,520	17,402	704,390	865	29	740,206	99.9	740,788
2412 RAFTED LOGS-----								16,766,682
2413 FUEL WOOD, CHARCOAL, WASTES-----	270		151,607	20		151,977	96.8	157,020
2414 TIMBER, POSTS, POLES, PILING-----	11,951		74,809	869		87,629	88.2	99,338
2415 PULPHOOD, LOG-----			1,431,776			1,431,776	97.9	1,462,892
2416 WOOD CHIPS, STAVES, HOLDINGS-----			1,956,603	89,416		2,046,019	99.9	2,046,464
2421 LUMBER-----	726,358		168,861	3,011		898,230	87.3	1,028,355
2431 VENEER, PLYWOOD, WORKED WOOD-----	61,619		32,778	2,185		96,582	44.3	218,109
2491 WOOD MANUFACTURES, NEC-----	113,624		8,594			122,218	72.5	168,483
FURNITURE & FIXTURES								
2511 FURNITURE AND FIXTURES-----	37,524		1,315		11,025	49,864	39.9	125,035
PULP, PAPER & ALLIED PRODUCTS								
2611 PULP-----	43,133		941,654	5,237		990,024	98.5	1,005,043
2621 STANDARD NEWSPRINT PAPER-----	23,745		52,324			76,069	49.7	152,915
2631 PAPER AND PAPERBOARD-----	38,348		648,413	838		687,599	63.5	1,082,052
2691 PULP AND PAPER PRODUCTS, NEC-----	116,671		1,113,448	39	936	1,231,090	85.4	1,442,363
PRINTED MATTER								
2711 PRINTED MATTER-----	666					666	3.7	18,140
CHEMICALS & ALLIED PRODUCTS								
2810 SODIUM HYDROXIDE-----	844,817		3,122,737	267,150		4,234,704	88.0	4,812,417
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	62,301	3,330	1,055,051	308,444	10,464	1,439,680	90.3	1,593,571
2812 DYES, PIGMENT, TANNING MATS-----	1,679					1,679	28.1	5,969
2813 ALCOHOLS-----	37,428	4,647	2,201,203	146,103		2,389,521	63.5	3,765,017
2816 RADIOACTIVE MATERIALS, WASTES-----								349
2817 BENZENE AND TOLUENE-----	91,686	1,339	2,561,402	820,294		3,474,721	87.6	3,966,402
2818 SULPHURIC ACID-----	135,806		1,886,620	336,503	1,937	2,360,946	99.9	2,360,970
2819 BASIC CHEMICALS AND PROD. NEC-----	952,875	311,961	16,347,512	820,938	1,138	18,442,424	81.4	22,657,235
2821 PLASTIC MATERIALS-----	5,451		153,677			159,128	68.4	232,704
2822 SYNTHETIC RUBBER-----	151		56,205			56,446	98.1	57,558
2823 SYNTHETIC (MAN-MADE) FIBERS-----			250			250	13.9	1,861
2831 DRUGS-----	2,347				899	3,246	10.2	31,700
2841 SOAP-----	13,097				1,862	14,959	9.7	146,042
2891 PAINTS-----	2,896				3,611	6,507	18.6	34,910
2861 GUN AND WOOD CHEMICALS-----			195,896			195,896	76.0	257,594
2871 NITROGENOUS CHEM FERTILIZERS-----	582,805	60,468	3,598,064	134,860		4,368,217	97.9	4,459,681
2872 POTASSIC CHEM FERTILIZERS-----	197,993		334,669			532,662	94.8	562,192
2873 PHOSPHATIC CHEM FERTILIZERS-----	11,184		568,384			579,568	94.4	607,468
2876 INSECTICIDES, DISINFECTANTS-----	2,716		110			2,826	18.8	15,056
2879 FERTILIZER AND MATERIALS, NEC-----	64,514		3,367,168	73,770		3,505,452	98.1	3,572,399
2891 MISCELLANEOUS CHEMICAL PROD-----	84,103		323,144	4,406		411,653	69.2	594,695
PETROLEUM & COAL PRODUCTS								
2911 GASOLINE-----	10,483,533	175,695	27,983,035	4,799,151	189,482	91,623,814	63.8	80,947,875
2912 JET FUEL-----	2,442,487	29,254	6,182,487	346,120	159,836	7,160,134	61.7	11,606,830
2913 KEROSENE-----	230,682	2,133	1,108,844	444,289	29,648	1,814,992	51.3	3,538,791
2914 DISTILLATE FUEL OIL-----	10,843,259	271,777	21,558,757	11,651,898	588,478	44,898,164	62.3	72,097,960
2915 RESIDUAL FUEL OIL-----	11,566,264	1,361,085	49,483,341	33,437,197	1,205,711	92,993,530	65.0	141,384,071
2916 LUBRICATING OILS AND GREASES-----	285,897	2,363	2,161,827	125,776		2,575,863	47.6	5,412,692
2917 NAPHTHA, PETROLEUM SOLVENTS-----	470,855	122,106	3,954,085	549,829	687,184	5,763,259	69.9	8,274,712
2918 ASPHALT, TAR, AND PITCHES-----	1,994,594	197,965	2,963,427	348,196		5,504,182	85.7	6,424,909
2920 COKE, PETROLEUM COKE-----		32,971	3,516,903	412,641		3,962,515	97.3	4,074,261
2921 LIQUEFIED GASES-----	226,982		929,335	58,463		1,214,780	99.6	1,220,229
2931 ASPHALT BUILDING MATERIALS-----	3,058					3,058	23.5	13,020
2991 PETROLEUM AND COAL PROD. NEC-----	834,697		468,582	2,428,695	84,211	3,800,385	89.6	4,252,282
RUBBER & MISC. PLASTIC PRODUCTS								
3011 RUBBER AND MISC PLASTIC PROD-----	38,470		511		286	39,267	39.1	100,371
LEATHER & LEATHER PRODUCTS								
3111 LEATHER AND LEATHER PRODUCTS-----	526					526	2.3	23,097
STONE, CLAY, GLASS, & CONCRETE PROD.								
3211 GLASS AND GLASS PRODUCTS-----	15,889		42,799	1,000		59,688	48.5	123,152
3241 BUILDING CEMENT-----	1,724,440	32,155	3,469,389	162,441		5,326,425	63.0	8,493,376

*NON-SELF PROPELLED VESSELS.

WATERBORNE COMMERCE OF THE UNITED STATES, 1980

TABLE 1B--DOMESTIC BARGE TRAFFIC: COMMODITY BY TYPE OF TRAFFIC--CONTINUED

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

COMMODITY	BARGE TRAFFIC						PERCENT BARGE TO TOTAL DOMESTIC	TOTAL DOMESTIC TRAFFIC
	COASTWISE	LAKEWISE	INTERNAL	LOCAL	INTRA- TERRITORY	TOTAL		
STONE, CLAY, GLASS, & CONCRETE PROD. (CONTINUED)								
3251 STRUCTURAL CLAY PRODUCTS-----	1,372	-----	85,508	-----	-----	86,880	71.0	122,349
3271 LIME-----	944	-----	1,128,306	38	-----	1,128,888	99.3	1,137,888
3281 CUT STONE AND STONE PRODUCTS-----	2,773	-----	29	-----	-----	2,802	39.8	7,037
3291 MISC NONMETALLIC MINERAL PROD-----	96,962	108	193,497	5,009	6,643	302,207	64.1	471,391
PRIMARY METAL PRODUCTS								
3311 PIG IRON-----	-----	14,474	79,255	8	-----	89,737	97.6	91,961
3312 SLAB-----	2,179	28,211	613,742	1,508	-----	645,640	57.5	1,122,177
3314 IRON AND STEEL PRIMARY FORMS-----	13,368	-----	879,763	-----	-----	889,131	93.0	956,098
3315 IRON, STEEL SHAPES, EXC SHEET-----	24,691	4,908	916,419	17,761	1,707	945,438	92.6	1,042,867
3316 IRON AND STEEL PLATES, SHEETS-----	28,667	23,317	2,239,659	54,225	-----	2,357,668	98.7	2,387,776
3317 IRON AND STEEL PIPE AND TUBE-----	32,896	858	1,855,792	51,378	-----	1,940,868	81.4	1,481,888
3318 FERROALLOYS-----	2,205	2,837	773,139	3,418	-----	781,691	99.9	782,078
3319 IRON AND STEEL PRODUCTS, NEC-----	1,613	17,298	794,078	2,253	-----	815,144	94.1	848,385
3321 NONFERROUS METALS, NEC-----	12,812	-----	5,212	7,379	-----	24,603	36.2	68,008
3322 COPPER ALLOYS, UNWORKED-----	5,466	-----	12,173	168,345	-----	185,924	93.7	198,356
3323 LEAD AND ZINC, UNWORKED-----	175	-----	39,555	-----	-----	39,730	95.1	41,760
3324 ALUMINUM AND ALLOYS, UNWORKED-----	4,329	-----	55,308	1,412	-----	61,037	77.6	78,686
FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, & TRANS EQUIP.								
3411 FABRICATED METAL PRODUCTS-----	898,941	-----	196,361	2,177	2,970	1,080,049	86.1	1,231,747
MACHINERY, EXCEPT ELECTRICAL								
3511 MACHINERY, EXCEPT ELECTRICAL-----	84,864	-----	217,969	29,123	977	332,929	69.9	504,844
ELECTRICAL MACHINERY, EQUIPMENT & SUPPLIES								
3611 ELECTRICAL MACH AND EQUIP-----	14,465	-----	124,875	1,841	1,762	142,943	35.8	466,898
TRANSPORTATION EQUIPMENT								
3711 MOTOR VEHICLES, PARTS, EQUIP-----	411,199	-----	14,274	1,864	6,323	433,620	42.4	694,608
3721 AIRCRAFT AND PARTS-----	99,886	-----	53	-----	-----	99,899	99.8	99,259
3731 SHIPS AND BOATS-----	19,584	-----	39,056	1,368	-----	59,928	53.9	111,126
3791 MISC TRANSPORTATION EQUIPMENT-----	77,563	-----	4,693	504	-----	82,760	88.4	93,599
INSTRUMENTS, PHOTOGRAPHIC & OPTICAL GOODS, WATCHES & CLOCKS								
3811 INSTR, TIME, PHOTO, OPT GOODS-----	1,598	-----	-----	-----	-----	1,598	10.9	14,230
MISC. PRODUCTS OF MANUFACTURING								
3911 MISC MANUFACTURED PRODUCTS-----	2,891	-----	77,821	7,449	-----	88,161	5.5	1,609,191
WASTE & SCRAP MATERIALS								
4011 IRON AND STEEL SCRAP-----	67,483	19,643	2,273,943	613,408	1,024	2,975,588	98.5	3,019,335
4012 NONFERROUS METAL SCRAP-----	693	58	29,184	8,066	-----	31,953	66.9	48,055
4022 TEXTILE WASTE, SCRAP, SWEEP-----	-----	-----	1,704	2	-----	1,481	29.8	24,888
4024 PAPER WASTE AND SCRAP-----	475	-----	8,298,886	3,223,774	289,703	11,762,415	74.2	15,894,709
4029 WASTE AND SCRAP, NEC-----	5,252	-----	-----	-----	-----	-----	-----	-----
SPECIAL ITEMS								
4111 WATER-----	844	-----	1,382,039	189,242	39,170	1,527,299	91.9	2,948,871
4112 COMMODITIES, NEC-----	582,496	-----	649,119	2,746	8,723	1,243,084	31.2	3,985,210
4119 EMPTY CONTAINERS-----	7,388	-----	14,988	3,200	-----	25,586	73.6	34,633
TOTAL-----	79,078,840	5,443,599	988,008,801	83,323,089	3,367,971	667,222,280	61.9	1,077,483,402
TOTAL DOMESTIC TRAFFIC-----	329,608,613	115,124,231	934,979,027	94,103,698	3,587,835	1,077,483,402	-----	-----
PERCENT BARGE TO TOTAL DOMESTIC-----	22.8	4.7	93.5	88.5	93.9	61.9	-----	-----

*NON-SELF PROPELLED VESSELS.

Section 2

DOMESTIC INLAND TRAFFIC
AREAS OF ORIGIN AND DESTINATION
OF PRINCIPAL COMMODITIES

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 1--DOMESTIC INLAND MOVEMENTS OF GRAINS, SOYBEANS, SUGAR AND MOLASSES
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	CORN (CODE 0103)	OTHER GRAINS (CODES 0102, 0104, 0105, 0106)	WHEAT (CODE 0107)	SOYBEANS (CODE 0111)	SUGAR (CODE 2061)	MOLASSES (CODE 2062)
TOTAL, ALL SHIPPING AREAS-----	30,561,894	1,076,600	12,637,217	16,117,949	817,058	415,836
CHESAPEAKE BAY/ RAPPAHANNOCK RIVER, VA.-----	47,712		7,110	27,480		
HAMPTON ROADS, VA.-----	680		6,302			
TOTAL, SHIPPING AREA-----	48,392		13,412	27,480		
NANTICOKE RIVER, DEL. AND MD./ HAMPTON ROADS, VA.-----		10,052	14,134	38,380		
RAPPAHANNOCK RIVER, VA./ CHESAPEAKE BAY- HAMPTON ROADS, VA.-----	22,600	1,277	8,129	2,800		
TOTAL, SHIPPING AREA-----	22,600	1,277	8,129	2,800		
YORK RIVER, VA./ HAMPTON ROADS, VA.-----	4,296	2,713	11,804	13,743		
HAMPTON ROADS, VA./ CHESAPEAKE BAY- RAPPAHANNOCK RIVER, VA.-----	4,949	4,608		1,478		
HAMPTON ROADS, VA.-----	14,128		3,642	9,798		
CHOCOTON AND PAWLICO SOUNDS, N.C.-----	1,731					
TOTAL, SHIPPING AREA-----	20,306	4,608	3,642	11,268		
ATLANTIC INTRACOASTAL WATERWAY: DISMAL SWAMP CANAL ROUTE/ HAMPTON ROADS, VA.-----	43,789		25,649	52,257		
ATLANTIC INTRACOASTAL WATERWAY: ENGINEER DISTRICT, WILMINGTON/ CHESAPEAKE BAY- NANTICOKE RIVER, DEL. AND MD.-----	2,559					
HAMPTON ROADS, VA.-----	2,562			8,503		
TOTAL, SHIPPING AREA-----	8,522			8,503		
CHOCOTON AND PAWLICO SOUNDS, N.C./ CHESAPEAKE BAY- NANTICOKE RIVER, DEL. AND MD.-----	1,244					
HAMPTON ROADS, VA.-----	3,933		1,282	3,670		
TOTAL, SHIPPING AREA-----	1,181		1,282	3,670		
ATLANTIC INTRACOASTAL WATERWAY: ENGINEER DISTRICT, JACKSONVILLE/ SAVANNAH RIVER, GA.-----	6,358				10,800	
GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA./ WARRIOR RIVER SYSTEM-----			1,628	20,629		
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	2,800		3,619	15,457		
TOTAL, SHIPPING AREA-----	2,800		4,647	36,086		
APALACHEE, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA./ WARRIOR RIVER SYSTEM-----			7,105	35,452		
WARRIOR RIVER SYSTEM/ WARRIOR RIVER SYSTEM-----	48,993		38,728	239,240		
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.-----				4,071		
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES-----			1,705			
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----			3,099			
MISSOURI RIVER, ILL.-----						1,295
ILLINOIS RIVER, ILL.-----						1,486
TOTAL, SHIPPING AREA-----	48,993		43,532	243,311		2,781
ALABAMA-COOSA RIVERS, ALA. AND GA./ WARRIOR RIVER SYSTEM-----			4,536	40,198		
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA./ MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES-----			1,508			
PORT OF CHICAGO, ILL.-----					4,039	
TOTAL, SHIPPING AREA-----			1,508		4,039	
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.-----						
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES-----					102,177	15,692
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----				19,959	38,375	
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----					36,950	
ILLINOIS RIVER, ILL.-----						1,374
PORT OF CHICAGO, ILL.-----					12,876	
TOTAL, SHIPPING AREA-----				19,959	189,978	17,026
ATCHAFALAYA RIVER, LA./ MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES-----				21,497		
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----				198,773		
TOTAL, SHIPPING AREA-----				180,270		

WATERBORNE COMMERCE OF THE UNITED STATES, 1980

TABLE 1--DOMESTIC INLAND MOVEMENTS OF GRAINS, SOYBEANS, SUGAR AND MOLASSES--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	CORN (CODE 0103)	OTHER GRAINS (CODES 0102, 0104, 0105, 0106)	WHEAT (CODE 0107)	SOYBEANS (CODE 0111)	SUGAR (CODE 2001)	MOLASSES (CODE 2002)
OUCHITA AND BLACK RIVERS, ARK. AND LA./						
WARRIOR RIVER SYSTEM			1,364			
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.			1,479			
GALVESTON BAY, TEXAS						1,418
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES			4,432	12,051	9,935	
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		2,922	3,734	223,589		
TOTAL, SHIPPING AREA		2,922	11,009	232,640	9,935	1,418
HERMENTAUX RIVER, BAYOU NEZPICQUE AND BAYOU DES CANNES, LA./						
CALCASIEU RIVER AND PASS, LA.				7,821		
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES			1,463	12,106		
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.			1,523	79,357		
TOTAL, SHIPPING AREA			3,186	99,284		
CALCASIEU RIVER AND PASS, LA./						
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES			4,273			
SABINE-NECHES WATERWAY, TEXAS/						2,482
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES						
GALVESTON BAY, TEXAS/						
GALVESTON BAY, TEXAS	581	9,885				
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	2,672	15,843	18,724			
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		2,954		2,900		
TOTAL, SHIPPING AREA	3,253	28,642	18,724	2,900		
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS/						
CALCASIEU RIVER AND PASS, LA.				2,601		
GALVESTON BAY, TEXAS		11,865				
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.				1,371		
TOTAL, SHIPPING AREA		11,865		3,972		
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER/						
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES				5,241		
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	1,376					
TOTAL, SHIPPING AREA	1,376			5,241		
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES/						
WARRIOR RIVER SYSTEM				666		1,350
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.	20,715			427		
SABINE-NECHES WATERWAY, TEXAS						2,837
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	1,525		2,982			3,874
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	10,125		2,828	9,008	27,218	
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	2,752			2,204		
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER			6,811			14,498
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	1,400					37,214
ARKANSAS RIVER, ARK.	579		1,650			1,237
WOLF RIVER, TENN.			1,598			
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE						6,187
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH				1,075		11,303
TENNESSEE RIVER, TENN., ALA. AND KY.				1,623		4,131
MISSOURI RIVER						17,325
ILLINOIS RIVER, ILL.						2,866
PORT OF CHICAGO, ILL.					67,495	21,913
TOTAL, SHIPPING AREA	37,096		15,869	15,063	94,713	124,735
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA./						
SABINE-NECHES WATERWAY, TEXAS						1,331
GALVESTON BAY, TEXAS				720		12,345
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	10,333		14,094	4,438	15,148	6,793
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	14,977	7,452	5,524	24,292	12,550	1,273
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.			1,495	1,520		
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	9,009		1,379		51,475	
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	7,168			6,306		26,942
ARKANSAS RIVER, ARK.	18,558		1,550			13,015
WOLF RIVER, TENN.	2,887		1,424			10,965
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	1,403				11,503	2,702
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH						5,516
TENNESSEE RIVER, TENN., ALA. AND KY.	13,283					1,437
CUMBERLAND RIVER, TENN. AND KY.					4,887	
MISSOURI RIVER						46,721
ILLINOIS RIVER, ILL.	3,142			2,512		11,352
MISSOURI RIVER, MINN.						1,684
PORT OF CHICAGO, ILL.					123,980	11,300
TOTAL, SHIPPING AREA	80,767	7,452	25,426	39,298	219,523	153,376

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 1--DOMESTIC INLAND MOVEMENTS OF GRAINS, SOYBEANS, SUGAR AND MOLASSES--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	CORN (CODE 0103)	OTHER GRAINS (CODES 0102, 0104, 0105, 0106)	WHEAT (CODE 0107)	SOYBEANS (CODE 0111)	SUGAR (CODE 2061)	MOLASSES (CODE 2062)
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA./						
GULF INTRACASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA.		1,178				
WARRIOR RIVER SYSTEM		1,306	4,461	5,915		
GULF INTRACASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.		6,739	6,365			
SABINE-NECHES WATERWAY, TEXAS		7,940				
GALVESTON BAY, TEXAS		3,043				
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	15,000	51,395	391,793	982,122		
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	46,763	369,139	703,718	2,207,093		
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	1,949	3,635	2,945	5,758		
YAZOO RIVER AND MOUTH, MISS.		4,162				
WOLF RIVER, TENN.			4,802	1,522		
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE			1,557			
TENNESSEE RIVER, TENN., ALA. AND KY.			4,454	4,635		
MINNESOTA RIVER, MINN.			1,430			
TOTAL, SHIPPING AREA	63,712	448,537	1,121,485	2,807,045		
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER/						
GULF INTRACASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.	8,651		1,395	13,463		
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	154,344	7,910	547,968	177,801		
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	465,762	9,229	484,699	658,523		
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.			1,594			
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	1,462					
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	1,600		7,821			
YAZOO RIVER AND MOUTH, MISS.	2,483					
ARKANSAS RIVER, ARK.	4,128					
WOLF RIVER, TENN.	910					
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	1,461			5,664		
TENNESSEE RIVER, TENN., ALA. AND KY.	5,926		43,639	96,224		
CUMBERLAND RIVER, TENN. AND KY.	214			26,903		
MISSOURI RIVER						1,199
TOTAL, SHIPPING AREA	647,941	17,139	1,087,076	976,578		1,199
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER/						
WARRIOR RIVER SYSTEM	1,485			26,942		
GULF INTRACASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.	175,968			7,101		
INNERHARBOR NAVIGATION CANAL, LA.	1,550					
GULF INTRACASTAL WATERWAY: PLaquemine TO MORGAN CITY ROUTE, LA.			1,890			
CALCASIEU RIVER AND PASS, LA.	15,000			7,847		
GALVESTON BAY, TEXAS	4,336	3,275				
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	2,614,783	14,452	734,168	530,770		12,333
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	10,773,653	49,146	763,913	3,480,526	5,693	9,973
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	64,362	17,356		27,423		
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	71,542	29,608	41,262			9,852
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	20,169	1,365	27,697	2,650		
YAZOO RIVER AND MOUTH, MISS.	19,368	28,039				
ARKANSAS RIVER, ARK.	1,650			1,608		
WHITE RIVER, ARK.	2,620					
WOLF RIVER, TENN.	61,221			25,059		
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	8,593	13,524	18,749	110,053		
TENNESSEE RIVER, TENN., ALA. AND KY.	273,630	48,532	120,980	12,172		
MISSOURI RIVER	1,388					1,406
ILLINOIS RIVER, ILL.	1,450					
MINNESOTA RIVER, MINN.			1,350			
TOTAL, SHIPPING AREA	14,112,966	285,297	1,709,969	4,232,147	5,693	33,564
YAZOO RIVER AND MOUTH, MISS./						
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	1,328		6,351	48,139		
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	2,780	5,812	17,890	268,399		
YAZOO RIVER AND MOUTH, MISS.			1,000	784		
ARKANSAS RIVER, ARK.						
TOTAL, SHIPPING AREA	4,108	5,812	25,241	317,322		
ARKANSAS RIVER, ARK./						
CALCASIEU RIVER AND PASS, LA.				1,664		
GALVESTON BAY, TEXAS		8,923				
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES		9,900	272,336	14,638		
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	1,412	77,495	240,255	250,807	1,518	
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.		2,082	4,200	2,833		
WHITE RIVER, ARK.			1,300			
TENNESSEE RIVER, TENN., ALA. AND KY.			51,627			
TOTAL, SHIPPING AREA	1,412	96,400	569,718	269,940	1,518	
WHITE RIVER, ARK./						
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES			10,385	15,427		
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		1,483	90,716	532,693		

WATERBORNE COMMERCE OF THE UNITED STATES, 1980

TABLE 1--DOMESTIC INLAND MOVEMENTS OF GRAINS, SOYBEANS, SUGAR AND MOLASSES--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	CORN (CODE 0103)	OTHER GRAINS (CODES 0102, 0104, 0105, 0106)	WHEAT (CODE 0107)	SOYBEANS (CODE 0111)	SUGAR (CODE 2001)	MOLASSES (CODE 2002)
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.			893	11,192		
WHITE RIVER, ARK.			666	3,629		
TOTAL, SHIPPING AREA		1,483	102,660	562,941		
WOLF RIVER, TENN./ WARRIOR RIVER SYSTEM				4,303		
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.				2,892		
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	3,000	9,134	121,169	96,711		
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	6,645	31,138	107,281	324,147		
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER			1,546			
ILLINOIS RIVER, ILL.				1,400		
TOTAL, SHIPPING AREA	9,645	40,272	229,996	429,443		
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE/ WARRIOR RIVER SYSTEM				3,048		
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.	37,517		1,413	1,480		
CALCASIEU RIVER AND PASS, LA.				2,894		
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	388,499	17,324	347,610	201,446		
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	1,366,134	32,601	239,184	1,202,964		
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	6,191			2,927		
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER			2,800			
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	5,291					1,406
YAZOO RIVER AND MOUTH, MISS.	12,716			2,873		
WOLF RIVER, TENN.	33,475		1,462	14,446		
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	2,759			46,616		
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON	1,300					
TENNESSEE RIVER, TENN., ALA. AND KY.	67,553		18,740	24,577		
TOTAL, SHIPPING AREA	1,919,437	49,925	611,209	1,903,261		1,406
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON/ GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.	1,569					
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	7,202			1,452		
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	19,179			41,664		
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	1,440					
WOLF RIVER, TENN.	4,391			2,867		
TOTAL, SHIPPING AREA	33,801			45,863		
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH/ MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES						4,200
TENNESSEE RIVER, TENN., ALA. AND KY./ GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.	1,613			4,400		
GALVESTON BAY, TEXAS						8,346
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	13,211	1,500	27,727	13,924		
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	26,559		14,652	154,482		
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER			16,995			
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER			3,604			
WOLF RIVER, TENN.				4,588		
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	1,382		6,591	9,347		
TENNESSEE RIVER, TENN., ALA. AND KY.	32,997		4,370	32,906		1,300
MISSOURI RIVER						1,406
MINNESOTA RIVER, MINN.					1,400	
TOTAL, SHIPPING AREA	75,752	1,500	67,939	219,647	1,400	11,052
CUMBERLAND RIVER, TENN. AND KY./ GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.				1,475		
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	2,875		11,834	23,004		
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	4,432		19,561	95,024		
TOTAL, SHIPPING AREA	7,307		31,395	119,503		
GREEN AND BARREN RIVERS, KY./ MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	3,018		5,974	10,491		
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	19,621		8,366	89,606		
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE				5,684		
TENNESSEE RIVER, TENN., ALA. AND KY.	5,539			1,964		
TOTAL, SHIPPING AREA	28,378		14,340	103,345		
MISSOURI RIVER/ GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.				1,185		
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	5,159		111,297	16,323		
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	33,170	1,300	227,375	143,705		
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	37,051	2,229				
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER			2,325			
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER			17,565			
YAZOO RIVER AND MOUTH, MISS.		1,244				
WOLF RIVER, TENN.	9,053			2,469		
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE			80,047			

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 1--DOMESTIC INLAND MOVEMENTS OF GRAINS, SOYBEANS, SUGAR AND MOLASSES--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	CORN (CODE 0103)	OTHER GRAINS (CODES 0102, 0104, 0105, 0106)	WHEAT (CODE 0107)	SOYBEANS (CODE 0111)	SUGAR (CODE 2001)	MOLASSES (CODE 2002)
MISSISSIPPI RIVER, TENN., ALA. AND KY.	1,250	7,982	396,541			1,200
MISSISSIPPI RIVER						
TOTAL, SHIPPING AREA	86,424	12,755	835,190	164,102		1,200
ILLINOIS RIVER, ILL. /						
WABASH RIVER SYSTEM	7,958			4,539		
GULF INTRACASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.	186,016			9,173		
CALCASIEU RIVER AND PASS, LA.	1,421					
GULF INTRACASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	1,600					
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	1,868,192		122,192	415,946		
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	9,312,593	2,955	174,161	1,976,947		
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	18,459		1,837	53,453		
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	7,880		2,800	1,600		
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	2,900			1,500		
YAZOO RIVER AND MOUTH, MISS.	24,650			5,632		
ARKANSAS RIVER, ARK.	6,666					
WOLF RIVER, TENN.	203,100			66,954		
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	2,742			7,696		
TENNESSEE RIVER, TENN., ALA. AND KY.	369,688			83,879		
ILLINOIS RIVER, ILL.	7,805			1,308		
PORT OF CHICAGO, ILL.			10,161			5,989
TOTAL, SHIPPING AREA	12,022,170	2,955	311,151	2,628,639		5,989
BLACK RIVER, WIS. /						
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	3,138					
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	1,419					
YAZOO RIVER AND MOUTH, MISS.	3,203					
TOTAL, SHIPPING AREA	7,760					
MINNESOTA RIVER, MINN. /						
GULF INTRACASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.	2,929			1,393		
CALCASIEU RIVER AND PASS, LA.				1,470		
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	71,328		267,390	97,502		
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	692,491	5,215	112,539	392,911		
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	12,568	2,631				
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	1,394		7,558			
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		2,574	43,697			
YAZOO RIVER AND MOUTH, MISS.	1,500	1,201				
WOLF RIVER, TENN.				1,893		
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	1,100	1,308				
TENNESSEE RIVER, TENN., ALA. AND KY.	54,241	11,271	64,030	32,750		
ILLINOIS RIVER, ILL.	1,439					
TOTAL, SHIPPING AREA	839,390	24,200	495,214	487,919		
PORT OF CHICAGO, ILL. /						
GULF INTRACASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.	3,129					
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	44,650		1,100	11,009		
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	273,467		37,247	106,098		
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.				5,502		
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER					1,028	
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	1,501					
YAZOO RIVER AND MOUTH, MISS.	3,127					
WOLF RIVER, TENN.	14,357		1,371	8,761		
TENNESSEE RIVER, TENN., ALA. AND KY.	20,148			4,777		
ILLINOIS RIVER, ILL.	2,481					
PORT OF CHICAGO, ILL.	4,187					
TOTAL, SHIPPING AREA	367,847		39,718	136,147		1,028
SAN FRANCISCO BAY AREA /						
SAN FRANCISCO BAY AREA					278,431	
COLUMBIA RIVER: VANCOUVER, WASH., TO THE MOUTH /						
COLUMBIA RIVER: VANCOUVER, WASH., TO THE MOUTH			15,476			
WILLAMETTE AND YAMHILL RIVERS, OREG.			16,587			
TOTAL, SHIPPING AREA			32,063			
COLUMBIA RIVER: VANCOUVER, WASH., TO THE FALLS, OREG. /						
COLUMBIA RIVER: VANCOUVER, WASH., TO THE MOUTH			17,829			
WILLAMETTE AND YAMHILL RIVERS, OREG.			80,216			
TOTAL, SHIPPING AREA			98,045			
COLUMBIA RIVER: ABOVE CELILO FALLS TO KENNEWICK, WASH. /						
COLUMBIA RIVER: VANCOUVER, WASH., TO THE MOUTH			884,532	344		
WILLAMETTE AND YAMHILL RIVERS, OREG.		8,795	635,076			
TOTAL, SHIPPING AREA		8,795	1,519,608	344		

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TABLE 1--DOMESTIC INLAND MOVEMENTS OF GRAINS, SOYBEANS, SUGAR AND MOLASSES--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	CORN (CODE 0103)	OTHER GRAINS (CODES 0102, 0104, 0105, 0106)	WHEAT (CODE 0107)	SOYBEANS (CODE 0111)	SUGAR (CODE 2001)	MOLASSES (CODE 2002)
WILLAMETTE AND YAMHILL RIVERS, OREG./						
COLUMBIA RIVER: VANCOUVER, WASH., TO THE MOUTH			2,006			
COLUMBIA RIVER: ABOVE CELILO FALLS TO KENNEWICK, WASH.			21,018			3,729
WILLAMETTE AND YAMHILL RIVERS, OREG.			1,197			
SNAKE RIVER, OREG., WASH. AND IDAHO			4,231			
TOTAL, SHIPPING AREA			28,452			3,729
SNAKE RIVER, OREG., WASH. AND IDAHO/						
COLUMBIA RIVER: VANCOUVER, WASH., TO THE MOUTH		15,407	1,286,469			
WILLAMETTE AND YAMHILL RIVERS, OREG.		70,319	2,206,545			
TOTAL, SHIPPING AREA		85,726	3,493,014			
PUGET SOUND AND TRIBUTARY WATERS/						
PUGET SOUND AND TRIBUTARY WATERS						51,679

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 2--DOMESTIC INLAND MOVEMENTS OF LOGS AND LUMBER
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	LOGS, POSTS, POLES, AND PILING (CODES 2411, 2412, 2414)	FOREST PROD- UCTS, NEC (CODES 0861, 2413, 2416)	LUMBER (CODE 2421)	WORKED WOOD (CODE 2431)	PULPWOOD (CODE 2415)
TOTAL, ALL SHIPPING AREAS	17,917,765	2,348,182	173,272	34,972	1,431,776
CHESAPEAKE BAY/ YORK RIVER, VA.		123,853			9,451
NANTICOKE RIVER, DEL. AND MD./ YORK RIVER, VA.					6,170
RAPPAHANNOCK RIVER, VA./ YORK RIVER, VA.		2,784			18,910
HAMPTON ROADS, VA./ BALTIMORE HARBOR AND CHANNELS, MD.		633			
ATLANTIC INTRACOASTAL WATERWAY: ENGINEER DISTRICT, NORFOLK/ HAMPTON ROADS, VA.					65,351
ATLANTIC INTRACOASTAL WATERWAY: ENGINEER DISTRICT, WILMINGTON/ GREAT PEE DEE RIVER, S.C.					65,704
ALBEMARLE SOUND, N.C./ YORK RIVER, VA. HAMPTON ROADS, VA.		43,249			61,838
TOTAL, SHIPPING AREA		43,249			61,838
CHOWAN RIVER, N.C./ HAMPTON ROADS, VA.					49,336
ROANOKE RIVER, N.C./ HAMPTON ROADS, VA. ROANOKE RIVER, N.C.		615			94,287
TOTAL, SHIPPING AREA		615			94,287
NEUSE RIVER, N.C./ GREAT PEE DEE RIVER, S.C.					119,014
CAPE FEAR RIVER, N.C./ CAPE FEAR RIVER, N.C. GREAT PEE DEE RIVER, S.C.		6,082			197,597
TOTAL, SHIPPING AREA		6,082			197,597
Santee River, S.C./ CHESAPEAKE BAY		7,398			
ST. JOHNS RIVER, FLA./ ST. JOHNS RIVER, FLA. OKEECHOBEE WATERWAY, FLA.		225 300	150		
TOTAL, SHIPPING AREA		525	150		
ATLANTIC INTRACOASTAL WATERWAY: ENGINEER DISTRICT, JACKSONVILLE/ ATLANTIC INTRACOASTAL WATERWAY: ENGINEER DISTRICT, JACKSONVILLE		32			
GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA./ MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.					307
GULF OF MEXICO/ GULF OF MEXICO		985 23	251		
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.					
TOTAL, SHIPPING AREA		1,008	251		
WARRIOR RIVER SYSTEM/ WARRIOR RIVER SYSTEM		61,910 4,800			41,110
ALABAMA-COOSA RIVERS, ALA. AND GA. GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.					74,903
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES		393	2,522		
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.			1,588	333	
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.					7,394
TOTAL, SHIPPING AREA		67,103	4,110	333	123,407
ALABAMA-COOSA RIVERS, ALA. AND GA./ WARRIOR RIVER SYSTEM		34,770	152,825		62,722
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.					9,274
TOTAL, SHIPPING AREA		34,770	152,825		71,996
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA./ WARRIOR RIVER SYSTEM				300	
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.					33,688
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.			1,942		
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE		1,212			
TOTAL, SHIPPING AREA		1,212	2,242		33,688

WATERBORNE COMMERCE OF THE UNITED STATES, 1980

TABLE 2--DOMESTIC INLAND MOVEMENTS OF LOGS AND LUMBER--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	LOGS, POSTS, POLES, AND PILING (CODES 2411, 2412, 2414)	FOREST PROD- UCTS, NEC (CODES 0061, 2413, 2416)	LUMBER (CODE 2421)	WORKED WOOD (CODE 2431)	PULPWOOD (CODE 2415)
LAKE PONTCHARTRAIN, LA./ LAKE PONTCHARTRAIN, LA.	900				
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX./ GULF OF MEXICO	8,721		104		
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.	10		10		
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	50		13		
TOTAL, SHIPPING AREA	8,781		127		
OUCHITA AND BLACK RIVERS, ARK. AND LA./ OUCHITA AND BLACK RIVERS, ARK. AND LA.	17,600				
SABINE-NECHES WATERWAY, TEXAS/ GULF OF MEXICO			260		
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES			1,472		
TOTAL, SHIPPING AREA			1,732		
GALVESTON BAY, TEXAS/ GALVESTON BAY, TEXAS	13,332				
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	933				
TOTAL, SHIPPING AREA	13,865				
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES/ WARRIOR RIVER SYSTEM			3,103	59	
SABINE-NECHES WATERWAY, TEXAS	944				
GALVESTON BAY, TEXAS	1,010				
ARKANSAS RIVER, ARK.				1,004	
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON			1,490		
MONONGAHELA RIVER, PA. AND W.VA.			3,322		
LAKE MICHIGAN			5,348		
PORT OF CHICAGO, ILL.			1,664		
TOTAL, SHIPPING AREA	1,554		14,927	1,063	
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA./ WARRIOR RIVER SYSTEM			162		
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.			185		
ARKANSAS RIVER, ARK.	245				
TOTAL, SHIPPING AREA	245		347		
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA./ MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.			1,170		
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	28,600				
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER			812		
YATTO RIVER AND MOUTH, MISS.	166,948				
ALLEGHENY RIVER, PA.			15,795	979	
PORT OF CHICAGO, ILL.				5,859	
TOTAL, SHIPPING AREA	195,548		17,777	6,838	
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER/ MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	1,931				
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	2,000				
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	431				
TENNESSEE RIVER, TENN., ALA. AND KY.	441				
TOTAL, SHIPPING AREA	4,803				
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER/ MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	1,730				
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	1,200				
TOTAL, SHIPPING AREA	2,930				
YAZOO RIVER AND MOUTH, MISS./ MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.			2,782		
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.			285		
TOTAL, SHIPPING AREA			3,067		
ARKANSAS RIVER, ARK./ MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.			423		
YAZOO RIVER AND MOUTH, MISS.	12,348				
TOTAL, SHIPPING AREA	12,348		423		
WHITE RIVER, ARK./ WHITE RIVER, ARK.					
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE/ MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	38,937				
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	707				2,410
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	2,850				
TENNESSEE RIVER, TENN., ALA. AND KY.					
TOTAL, SHIPPING AREA	42,494				2,410

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 2--DOMESTIC INLAND MOVEMENTS OF LOGS AND LUMBER--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	LOGS, POSTS, POLES, AND PILING (CODES 2411, 2412, 2414)	FOREST PROD- UCTS, NEC (CODES 0861, 2413, 2416)	LUMBER (CODE 2421)	WORKED WOOD (CODE 2431)	PULPWOOD (CODE 2415)
OHIO RIVER; ENGINEER DISTRICT, HUNTINGTON/ INNERHARBOR NAVIGATION CANAL, LA. MISSISSIPPI RIVER; MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA. WOLF RIVER, TENN.	7,894 19,068 26,962		574		
TOTAL, SHIPPING AREA	26,962		574		
TENNESSEE RIVER, TENN., ALA. AND KY./ MISSISSIPPI RIVER; NEW ORLEANS, LA., TO MOUTH OF PASSES MISSISSIPPI RIVER; MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA. TENNESSEE RIVER, TENN., ALA. AND KY. KANAWHA RIVER, W.VA. MISSOURI RIVER	11,587 680 220 568 2,327		60,556		510,319
TOTAL, SHIPPING AREA	12,487	2,895	60,556		511,498
MISSOURI RIVER/ WOLF RIVER, TENN.	4,137				
ILLINOIS RIVER, ILL./ MISSISSIPPI RIVER; MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA. MISSISSIPPI RIVER; MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER WOLF RIVER, TENN.	7,000 11,150 9,350 23,500				
TOTAL, SHIPPING AREA	23,500				
LOS ANGELES AND LONG BEACH HARBORS, CALIF./ LOS ANGELES AND LONG BEACH HARBORS, CALIF.		148,287			
SAN JOAQUIN RIVER, CALIF./ SAN JOAQUIN RIVER, CALIF.		2,000			
COOS BAY, OREG./ COOS BAY, OREG. COOS AND MILLICOMA RIVERS, OREG.	350,666 7,334 358,000				
TOTAL, SHIPPING AREA	358,000				
COOS AND MILLICOMA RIVERS, OREG./ COOS BAY, OREG. COOS AND MILLICOMA RIVERS, OREG.	28,884 994,528 1,523,412				
TOTAL, SHIPPING AREA	1,523,412				
UMPUQUA RIVER, OREG./ UMPUQUA RIVER, OREG.	79,291				
STUSLAW RIVER, OREG./ STUSLAW RIVER, OREG.	93,785				
YAUQUINA RIVER, OREG./ YAUQUINA RIVER, OREG.	65,728				
COLUMBIA RIVER; VANCOUVER, WASH., TO THE MOUTH/ COLUMBIA RIVER; VANCOUVER, WASH., TO THE MOUTH COLUMBIA RIVER; VANCOUVER, WASH., TO THE DALLES, OREG. WILLAMETTE AND YAMHILL RIVERS, OREG. SNAKE RIVER, OREG., WASH. AND IDAHO	4,650,194 224,359 249,813 114 5,124,480	268,991 5,498 14 274,489		2,194 4,171 6,365	
TOTAL, SHIPPING AREA	5,124,480	274,489	14	6,365	
COLUMBIA RIVER; VANCOUVER, WASH., TO THE DALLES, OREG./ COLUMBIA RIVER; VANCOUVER, WASH., TO THE MOUTH COLUMBIA RIVER; VANCOUVER, WASH., TO THE DALLES, OREG. WILLAMETTE AND YAMHILL RIVERS, OREG. SNAKE RIVER, OREG., WASH. AND IDAHO	453,497 848,021 48,928 114 1,346,560	480,678 81,139 14 561,817			
TOTAL, SHIPPING AREA	1,346,560	561,817			
COLUMBIA RIVER; ABOVE CELILO FALLS TO KENNEWICK, WASH./ COLUMBIA RIVER; VANCOUVER, WASH., TO THE MOUTH COLUMBIA RIVER; VANCOUVER, WASH., TO THE DALLES, OREG.	12,811 3,326 16,137				
TOTAL, SHIPPING AREA	16,137				
COLUMBIA RIVER; WENATCHEE, WASH., TO INTERNATIONAL BOUNDARY/ COLUMBIA RIVER; WENATCHEE, WASH., TO INTERNATIONAL BOUNDARY COEUR D'ALENE LAKE	28,990 3,750 29,740				
TOTAL, SHIPPING AREA	29,740				
WILLAMETTE AND YAMHILL RIVERS, OREG./ COLUMBIA RIVER; VANCOUVER, WASH., TO THE MOUTH COLUMBIA RIVER; VANCOUVER, WASH., TO THE DALLES, OREG. WILLAMETTE AND YAMHILL RIVERS, OREG.	128,179 9,490 498,087 639,756	105,362 50,351 20 195,733	37		
TOTAL, SHIPPING AREA	639,756	195,733	37		

WATERBORNE COMMERCE OF THE UNITED STATES, 1980

TABLE 2--DOMESTIC INLAND MOVEMENTS OF LOGS AND LUMBER--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	LOGS, POSTS, POLES, AND PILING (CODES 2411, 2412, 2414)	FOREST PROD- UCTS, NEC (CODES 0001, 2413, 2416)	LUMBER (CODE 2421)	WORKED WOOD (CODE 2431)	PULPMOOD (CODE 2415)
SNAKE RIVER, OREG., WASH. AND IDAHO/ COLUMBIA RIVER: VANCOUVER, WASH., TO THE MOUTH	69,255	623			1,119
COLUMBIA RIVER: VANCOUVER, WASH., TO THE DALLES, OREG.	9,827				
TOTAL, SHIPPING AREA	79,082	623			1,119
COEUR D'ALENE LAKE/ COLUMBIA RIVER: WENATCHEE, WASH., TO INTERNATIONAL BOUNDARY	76,254				
COEUR D'ALENE LAKE	281,442				
TOTAL, SHIPPING AREA	357,696				
GRAYS HARBOR AND CHEHALIS RIVER, WASH./ GRAYS HARBOR AND CHEHALIS RIVER, WASH.	8,899				
NEAH BAY, WASH./ PUGET SOUND AND TRIBUTARY WATERS	296,731				
PUGET SOUND AND TRIBUTARY WATERS/ PUGET SOUND AND TRIBUTARY WATERS	9,029,140	564,046	66,759	20,066	
SOUTHEASTERN ALASKA/ SOUTHEASTERN ALASKA	1,072,707	314,798	229		
YUKON RIVER, ALASKA/ YUKON RIVER, ALASKA			100		

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 3--DOMESTIC INLAND MOVEMENTS OF COAL AND LIGNITE (CODE 1121)
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	TONS
TOTAL, ALL SHIPPING AREAS-----	138,513,379
PORT OF NEW YORK, N.Y. AND N.J./ PORT OF NEW YORK, N.Y. AND N.J.-----	747,697
DELAWARE RIVER: PENNSYLVANIA AND DELAWARE SIDE/ DELAWARE RIVER: NEW JERSEY SIDE-----	14,838
CHESAPEAKE BAY/ CHESAPEAKE BAY-----	11
BALTIMORE HARBOR AND CHANNELS, MD./ DELAWARE RIVER: NEW JERSEY SIDE----- BALTIMORE HARBOR AND CHANNELS, MD.-----	432,436 2,024,031
TOTAL, SHIPPING AREA-----	2,456,467
HAMPTON ROADS, VA./ DELAWARE RIVER: NEW JERSEY SIDE----- DELAWARE RIVER: PENNSYLVANIA AND DELAWARE SIDE----- BALTIMORE HARBOR AND CHANNELS, MD.-----	514,782 2,437 876,328
TOTAL, SHIPPING AREA-----	1,393,547
WARRIOR RIVER SYSTEM/ GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA.----- ESCAMBIA AND COECUM RIVERS, FLA. AND ALA.----- WARRIOR RIVER SYSTEM-----	736,027 300,951 8,456,710
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.----- GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.----- MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES----- MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.----- TENNESSEE RIVER, TENN., ALA. AND KY.-----	754,348 22,452 49,256 80,149 1,600
TOTAL, SHIPPING AREA-----	10,401,513
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA./ WARRIOR RIVER SYSTEM-----	3,374
GALVESTON BAY, TEXAS/ GALVESTON BAY, TEXAS-----	2,777
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES/ GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA.----- MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES-----	1,498 1,357
TOTAL, SHIPPING AREA-----	2,855
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA./ GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.----- MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES----- OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE-----	1,471 1,012 3,433
TOTAL, SHIPPING AREA-----	5,916
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA./ MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES----- ILLINOIS RIVER, ILL.-----	17,761 5,927
TOTAL, SHIPPING AREA-----	23,688
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER/ MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES----- MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.----- MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.----- MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER----- MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER----- OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE----- OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH----- TENNESSEE RIVER, TENN., ALA. AND KY.----- CUMBERLAND RIVER, TENN. AND KY.----- ILLINOIS RIVER, ILL.----- BLACK RIVER, WIS.----- ST. CROIX RIVER, WIS. AND MINN.----- PORT OF CHICAGO, ILL.-----	571,977 5,670 5,832,389 323,235 2,538,124 3,130 17,006 2,755,409 104,040 124,769 1,600 211,750 98,918
TOTAL, SHIPPING AREA-----	12,589,017
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER/ MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES----- MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.----- MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER----- ST. CROIX RIVER, WIS. AND MINN.----- MINNESOTA RIVER, MINN.-----	8,859 6,277 1,477,569 1,214,904 509,435
TOTAL, SHIPPING AREA-----	3,217,014
ARKANSAS RIVER, ARK./ ESCAMBIA AND COECUM RIVERS, FLA. AND ALA.----- WARRIOR RIVER SYSTEM----- GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.----- GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.----- ATCHAFALAYA RIVER, LA.----- SABINE-NICHES WATERWAY, TEXAS----- MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES-----	18,156 18,418 45,166 22,193 4,157 23,952 328,744

WATERBORNE COMMERCE OF THE UNITED STATES, 1980

TABLE 3--DOMESTIC INLAND MOVEMENTS OF COAL AND LIGNITE (CODE 1121)--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	TONS
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,	11,068
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,	5,751
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	153,288
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	2,907
ARKANSAS RIVER, ARK.	2,650
WOLF RIVER, TENN.	1,391
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	3,542
ILLINOIS RIVER, ILL.	19,032
PORT OF CHICAGO, ILL.	57,650
TOTAL, SHIPPING AREA	718,065
WOLF RIVER, TENN. / MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,	1,200
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE / GULF INTRACASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA.,	156,371
ESCAMBIA AND COCONA RIVERS, FLA. AND ALA.	1,406,957
WARRIOR RIVER SYSTEM	42,447
GULF INTRACASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.,	766,765
INNERHARBOR NAVIGATION CANAL, LA.	7,530
SABINE-NECHES WATERWAY, TEXAS	28,596
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	1,166,613
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,	241,414
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,	452,513
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	207,678
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	458,653
YAZOO RIVER AND MOUTH, MISS.	1,290
WOLF RIVER, TENN.	1,106,324
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	4,395,767
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON	2,815,498
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH	15,441
TENNESSEE RIVER, TENN., ALA. AND KY.	5,716,249
CUMBERLAND RIVER, TENN. AND KY.	5,246,486
GREEN AND BARREN RIVERS, KY.	556,989
KANAWHA RIVER, W.VA.	4,730
MONTGOMERY RIVER, PA. AND W.VA.	154,145
ILLINOIS RIVER, ILL.	91,715
BLACK RIVER, WIS.	4,204
PORT OF CHICAGO, ILL.	6,532
TOTAL, SHIPPING AREA	27,050,847
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON / GALVESTON BAY, TEXAS	1,496
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	226,678
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,	40,602
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	811,210
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	26,826
ARKANSAS RIVER, ARK.	1,376
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	4,202,864
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON	2,933,904
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH	4,794,589
TENNESSEE RIVER, TENN., ALA. AND KY.	1,004,196
KANAWHA RIVER, W.VA.	226,066
MONTGOMERY RIVER, PA. AND W.VA.	3,823,863
ALLEGHENY RIVER, PA.	2,977
ILLINOIS RIVER, ILL.	5,715
LAKE MICHIGAN	4,005
PORT OF CHICAGO, ILL.	1,450
TOTAL, SHIPPING AREA	18,107,817
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH / MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	3,315
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,	35,400
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	4,583
WOLF RIVER, TENN.	1,495
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	1,328,701
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON	2,671,947
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH	4,736,226
TENNESSEE RIVER, TENN., ALA. AND KY.	2,541,750
KANAWHA RIVER, W.VA.	15,600
MONTGOMERY RIVER, PA. AND W.VA.	167,596
ALLEGHENY RIVER, PA.	264,127
TOTAL, SHIPPING AREA	11,770,740
TENNESSEE RIVER, TENN., ALA. AND KY. / GULF INTRACASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.,	29,665
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	5,237
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	5,350
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	14,981
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON	23,022
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH	26,408
TENNESSEE RIVER, TENN., ALA. AND KY.	1,508,640
KANAWHA RIVER, W.VA.	22,087
ILLINOIS RIVER, ILL.	2,941
TOTAL, SHIPPING AREA	1,637,331
CUMBERLAND RIVER, TENN. AND KY. / WARRIOR RIVER SYSTEM	3,749
GULF INTRACASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.,	381,355
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	73,366

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 3--DOMESTIC INLAND MOVEMENTS OF COAL AND LIGNITE (CODE 1121)--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	TONS
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	10,691
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	1,649
CUMBERLAND RIVER, TENN. AND KY.	7,329
TOTAL, SHIPPING AREA	478,139
GREEN AND BARREN RIVERS, KY. /	
WARRIOR RIVER SYSTEM	1,945
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.	166,900
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	2,353,759
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	23,906
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	9,755
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	61,144
OHIO RIVER, TENN.	454,882
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	4,939,549
TENNESSEE RIVER, TENN., ALA. AND KY.	209,491
CUMBERLAND RIVER, TENN. AND KY.	192,889
GREEN AND BARREN RIVERS, KY.	364,746
TOTAL, SHIPPING AREA	8,778,366
BIG SANDY RIVER, KY. AND W.VA. /	
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	209,340
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	18,182
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	4,271
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	1,490
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	672,550
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON	37,406
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH	1,323
MONONGAHELA RIVER, PA. AND W.VA.	9,462
ILLINOIS RIVER, ILL.	1,364
TOTAL, SHIPPING AREA	955,388
KANAWHA RIVER, W.VA. /	
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	111,273
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	1,405
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	1,378,883
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON	2,763,257
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH	1,386,856
TENNESSEE RIVER, TENN., ALA. AND KY.	88,537
KANAWHA RIVER, W.VA.	1,871,129
MONONGAHELA RIVER, PA. AND W.VA.	882,596
ILLINOIS RIVER, ILL.	1,467
TOTAL, SHIPPING AREA	8,484,903
MONONGAHELA RIVER, PA. AND W.VA. /	
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	358,694
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	9,958
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	13,086
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	290,563
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON	100,538
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH	7,287,321
TENNESSEE RIVER, TENN., ALA. AND KY.	116,596
MONONGAHELA RIVER, PA. AND W.VA.	15,030,506
ALLEGHENY RIVER, PA.	423,000
TOTAL, SHIPPING AREA	23,629,762
ALLEGHENY RIVER, PA. /	
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	39,086
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	25,340
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH	550,577
MONONGAHELA RIVER, PA. AND W.VA.	43,740
TOTAL, SHIPPING AREA	658,743
ILLINOIS RIVER, ILL. /	
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.	1,379
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	14,943
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	800
YAZOO RIVER AND MOUTH, MISS.	1,224
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	1,400
TENNESSEE RIVER, TENN., ALA. AND KY.	1,661
ILLINOIS RIVER, ILL.	590,613
PORT OF CHICAGO, ILL.	4,768,850
TOTAL, SHIPPING AREA	5,368,870
PORT OF CHICAGO, ILL. /	
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.	1,600
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	5,354
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	5,609
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	1,931
TOTAL, SHIPPING AREA	14,494

WATERBORNE COMMERCE OF THE UNITED STATES, 1980

TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
TOTAL, ALL SHIPPING AREAS----	35,437,397	36,283,044	47,608,856	4,588,997	1,637,914	81,023,439	4,598,952	2,366,556	7,297,097
PENOBSCOT RIVER, MAINE/ PENOBSCOT RIVER, MAINE-----		74,911		1,499	9,867	1,339			
PORTLAND HARBOR, MAINE/ PORTLAND HARBOR, MAINE-----	16,167	9,624			10	94,855			
GLoucester HARBOR, MASS./ GLoucester HARBOR, MASS.-----		14,785				28,776		148	
PORT OF BOSTON, MASS./ PORT OF BOSTON, MASS.-----	145,993	822,466		39,589	13,452	274,548		79	
NARRAGANSETT BAY/ NARRAGANSETT BAY-----		57,644				1,108,867			
PROVIDENCE RIVER AND HARBOR, R.I.-----	4,555	42,271			5,754	11,204			
TOTAL, SHIPPING AREA-----	4,555	99,919			5,754	1,120,071			
PROVIDENCE RIVER AND HARBOR, R.I./ NARRAGANSETT BAY-----		38,753				7,677			
PROVIDENCE RIVER AND HARBOR, R.I.-----	3,547	16,071				30,437			
TOTAL, SHIPPING AREA-----	3,547	54,824				38,114			
THAMES RIVER, CONN./ THAMES RIVER, CONN.-----		2,133				228,121			
CONN. RIVER BELOW HARTFORD, CONN./ CONN. RIVER BELOW HARTFORD, CONN.-----				1,104					
LONG ISLAND SOUND, N.Y./ LONG ISLAND SOUND, N.Y.-----	36,974	52,324				28,549			
PORT OF NEW YORK, N.Y. AND N.J./ PORT OF NEW YORK, N.Y. AND N.J.-----	5,022,683	9,097,147	2,287,257	218,404	376,357	19,910,295	1,833,372	52,778	2,462,190
UPPER HUDSON RIVER, N.Y.-----	1,045,484	2,371,014	262,744	38,499	151,434	2,144,575	19,016		61,900
NEW YORK STATE BARGE CANAL-----				4,761		2,523			57,798
LAKE CHAMPLAIN, N.Y. AND VT.-----	42,779	74,411		63,605	18,931				
ST. LAWRENCE RIVER-----	22,694	8,482							
TOTAL, SHIPPING AREA-----	5,133,556	11,551,057	2,550,001	345,279	546,718	22,057,393	127,390	52,778	2,581,888
UPPER HUDSON RIVER, N.Y./ PORT OF NEW YORK, N.Y. AND N.J.-----	7,625	20,034			4,067		24,010		324
UPPER HUDSON RIVER, N.Y.-----	7,851	80,793			258	32,364			
NEW YORK STATE BARGE CANAL-----		58,546				72,370			
LAKE CHAMPLAIN, N.Y. AND VT.-----	169,441	189,611		10,211		96,517			
ST. LAWRENCE RIVER-----	6,103	2,623		3,021					
TOTAL, SHIPPING AREA-----	191,021	351,609			17,557	201,251	24,010		324
LAKE CHAMPLAIN, N.Y. AND VT./ UPPER HUDSON RIVER, N.Y.-----		447							
LAKE CHAMPLAIN, N.Y. AND VT.-----	3,722								
TOTAL, SHIPPING AREA-----	3,722	447							
DELAWARE RIVER: NEW JERSEY SIDE/ DELAWARE RIVER: NEW JERSEY SIDE-----	36,580	164,844	32,044		64,332	675,425	9,214		288
DELAWARE RIVER: PENNSYLVANIA AND DELAWARE SIDE-----	26,580	477,864			2,029	1,647,617	88,184	1,995	
COHANSEY RIVER, N.J.-----		7,154			705				
RIG TIMBER CREEK, N.J.-----						3,002			
COOPER RIVER, N.J.-----	326	30,079							
CHRISTINA RIVER, DEL.-----	99,183	180,137			2,007	62,225			
SCHUYLKILL RIVER, PA.-----	87,730	380,017			1,153	490,515			
CHESAPEAKE BAY-----	2,990	4,254			1,138	2,167			
BALTIMORE HARBOR AND CHANNELS, MD.-----	13,563	89,439		2,974		169,852		1,585	
POTOMAC RIVER AND TRIBUTARIES-----	11,932	87,243				18,126			
JAMES RIVER, VA.-----		4,891				3,127			
HAMPTON ROADS, VA.-----		18,113				95,194			
TOTAL, SHIPPING AREA-----	278,844	1,423,044	32,044	2,974	71,364	3,125,250	97,398	3,580	288
DELAWARE RIVER: PENNSYLVANIA AND DELAWARE SIDE-----									
DELAWARE RIVER: NEW JERSEY SIDE-----	342,054	180,584	1,548,482	106,184	5,152	1,052,286	18,918	15,942	1,027
DELAWARE RIVER: PENNSYLVANIA AND DELAWARE SIDE-----	90,657	357,446	5,818,111			869,855	47,641	55,133	12,888
COHANSEY RIVER, N.J.-----						1,049			
BIG TIMBER CREEK, N.J.-----						1,085			
COOPER RIVER, N.J.-----		1,907							
WISPIILLION RIVER, DEL.-----	11,141			251,884					
CHRISTINA RIVER, DEL.-----	14,609	138,986				130,867	13,950	60	
SCHUYLKILL RIVER, PA.-----	450,771	400,434	577,654		360	633,049		7,948	

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1960

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
CHESAPEAKE BAY-----	5,931	15,217			1,918	6,743			
NANTICKE RIVER, DEL. AND MD.---	27,690	17,569			2,830				
CHESTER RIVER, MD.-----	1,575	181							
BALTIMORE HARBOR AND CHANNELS, MD.-----	106,146	122,520	37,347			367,521		36,192	
POTOMAC RIVER AND TRIBUTARIES---	23,253	30,401		52,677		32,026			
YORK RIVER, VA.-----				20,488					
HAMPTON ROADS, VA.-----		29,831				140,005		2,489	
TOTAL, SHIPPING AREA-----	1,113,825	1,295,194	8,021,594	431,241	10,160	3,174,486	80,509	117,782	13,915
CHRISTINA RIVER, DEL./									
DELAWARE RIVER: NEW JERSEY SIDE---		10,425							
DELAWARE RIVER: PENNSYLVANIA AND DELAWARE SIDE-----		27,031					7,087		
SCHUYLKILL RIVER, PA.-----		45,125							
BALTIMORE HARBOR AND CHANNELS, MD.-----		10,274							
TOTAL, SHIPPING AREA-----		93,254					7,087		
SCHUYLKILL RIVER, PA./									
DELAWARE RIVER: NEW JERSEY SIDE---	25,020	124,380				231,474	7,901		
DELAWARE RIVER: PENNSYLVANIA AND DELAWARE SIDE-----	25,986	628,573				808,107			
COHANSEY RIVER, N.J.-----		7,590							
BIG TIMBER CREEK, N.J.-----									46,056
CHRISTINA RIVER, DEL.-----	6,648	61,382			2,057	58,308	12,434		
SCHUYLKILL RIVER, PA.-----	20,201	100,001				172,106			12,833
CHESAPEAKE BAY-----	162,705	97,544			20,450	29,556			
NANTICKE RIVER, DEL. AND MD.---						11,679			2,182
CHESTER RIVER, MD.-----	7,496	4,097							
BALTIMORE HARBOR AND CHANNELS, MD.-----	1,542	34,721				93,251			4,503
POTOMAC RIVER AND TRIBUTARIES---		18,241				6,624			252,669
YORK RIVER, VA.-----	9,466					4,294			
JAMES RIVER, VA.-----						2,859			
HAMPTON ROADS, VA.-----	765					99,747			9,763
TOTAL, SHIPPING AREA-----	259,833	1,074,531			22,507	1,516,015	27,335		328,006
CHESAPEAKE BAY/									
DELAWARE RIVER: NEW JERSEY SIDE---		4,580				26,541			
DELAWARE RIVER: PENNSYLVANIA AND DELAWARE SIDE-----						16,002			
SCHUYLKILL RIVER, PA.-----		4,461							
CHESAPEAKE BAY-----	1,214	490			473				
BALTIMORE HARBOR AND CHANNELS, MD.-----	5,431	14,273	9,199			84,948			
YORK RIVER, VA.-----						3,685			
TOTAL, SHIPPING AREA-----	6,645	23,817	9,199		473	133,176			
BALTIMORE HARBOR AND CHANNELS, MD./									
PORT OF NEW YORK, N.Y. AND N.J.---		2,281							
DELAWARE RIVER: NEW JERSEY SIDE---	11,796	4,444				117,554			
DELAWARE RIVER: PENNSYLVANIA AND DELAWARE SIDE-----						32,580			
CHRISTINA RIVER, DEL.-----						34,852			
SCHUYLKILL RIVER, PA.-----	4,004	2,161				19,686			
CHESAPEAKE BAY-----	176,694	42,405			7,200	87,042			677
NANTICKE RIVER, DEL. AND MD.---		28,481				29,501			2,727
CHESTER RIVER, MD.-----		3,022							
BALTIMORE HARBOR AND CHANNELS, MD.-----	15,475	129,004			1,133	1,603,395			
POTOMAC RIVER AND TRIBUTARIES---	1,027	16,976				5,630			42,327
YORK RIVER, VA.-----		44,724				2,137			
JAMES RIVER, VA.-----	4,627	2,077							7,360
HAMPTON ROADS, VA.-----	3,799	11,344				96,552			76,364
CAPE FEAR RIVER, N.C.-----									10,145
TOTAL, SHIPPING AREA-----	217,427	290,924			8,331	2,229,129			139,600
POTOMAC RIVER AND TRIBUTARIES/									
DELAWARE RIVER: NEW JERSEY SIDE---	23,812			8,955					
DELAWARE RIVER: PENNSYLVANIA AND DELAWARE SIDE-----	739								
MISPILLION RIVER, DEL.-----				2,927					
CHRISTINA RIVER, DEL.-----						6,420			
SCHUYLKILL RIVER, PA.-----	11,235								36,360
NANTICKE RIVER, DEL. AND MD.---									2,727
BALTIMORE HARBOR AND CHANNELS, MD.-----	10,376					30,081			
POTOMAC RIVER AND TRIBUTARIES---		221,464		107,751		647,725			36,360
YORK RIVER, VA.-----						7,775			
JAMES RIVER, VA.-----						36,583			
HAMPTON ROADS, VA.-----						75,559			25,088
TOTAL, SHIPPING AREA-----	46,162	221,464		119,231		1,004,343			100,935

WATERBORNE COMMERCE OF THE UNITED STATES, 1980

TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
YORK RIVER, VA./ DELAWARE RIVER: NEW JERSEY SIDE- DELAWARE RIVER: PENNSYLVANIA AND DELAWARE SIDE-----	9,217	47,774		5,688					
SCHUYLKILL RIVER, PA.-----	43,947	92,593							
CHESAPEAKE BAY-----	73,463	4,762		23,461		1,845			2,182
BALTIMORE HARBOR AND CHANNELS, MD.-----	70,759	154,549							
POTOMAC RIVER AND TRIBUTARIES-----		9,431				659,777			
YORK RIVER, VA.-----	2,725	209,432				56,000			
JAMES RIVER, VA.-----	10,403	10,959				254,825			559
HAMPTON ROADS, VA.-----	10,459	56,234		131,391		6,620			
TOTAL, SHIPPING AREA-----	170,973	585,940		160,544		973,067			2,741
JAMES RIVER, VA./ CHESAPEAKE BAY-----	65,816	25,161			5,161				426
BALTIMORE HARBOR AND CHANNELS, MD.-----	27,312								258
YORK RIVER, VA.-----						189			
JAMES RIVER, VA.-----	2,594	1,989				9,756			
HAMPTON ROADS, VA.-----	14,850	127,559			9,404	26,405			
ROANOKE RIVER, N.C.-----						6,000			
TOTAL, SHIPPING AREA-----	114,572	154,707			14,565	42,390			684
HAMPTON ROADS, VA./ DELAWARE RIVER: NEW JERSEY SIDE- DELAWARE RIVER: PENNSYLVANIA AND DELAWARE SIDE-----				2,161					
SCHUYLKILL RIVER, PA.-----	5,306	19,911				108,039			1,000
CHESAPEAKE BAY-----	104,756	118,951		6,257	7,084	107,785		172	9,912
NANTICOKE RIVER, DEL. AND MD.-----		38,149				76,364			389
CHESTER RIVER, MD.-----		4,634							
BALTIMORE HARBOR AND CHANNELS, MD.-----	14,693	24,737							1,900
POTOMAC RIVER AND TRIBUTARIES-----		12,161		11,444		55,495			
RAPPAHANNOCK RIVER, VA.-----		1,302							
YORK RIVER, VA.-----	624	5,982		2,401		93,737	3,713	151	1,700
JAMES RIVER, VA.-----	12,774	50,443				543,229			2,727
HAMPTON ROADS, VA.-----	6,397	274,509		64,295	18,607	2,193,813		8,322	72,413
ATLANTIC INTRACASTAL WATERWAY/ GREAT BRIDGE LOCK ROUTE-----				147,604					
ROANOKE RIVER, N.C.-----		1,591				224,594			
PAHLICO AND TAR RIVERS, N.C.-----						3,000			
NEUSE RIVER, N.C.-----					8,131	1,183			
CAPE FEAR RIVER, N.C.-----	11,147								1,324
ST. JOHNS RIVER, FLA.-----									3,949
TOTAL, SHIPPING AREA-----	157,686	551,464		242,294	25,691	3,407,199	3,713	8,645	95,314
ATLANTIC INTRACASTAL WATERWAY/ ENGINEER DISTRICT, WILMINGTON/ PAHLICO AND TAR RIVERS, N.C.-----						25,491			
CAPE FEAR RIVER, N.C./ DELAWARE RIVER: PENNSYLVANIA AND DELAWARE SIDE-----	1,481								
SCHUYLKILL RIVER, PA.-----	5,305								
HAMPTON ROADS, VA.-----	6,083								
ATLANTIC INTRACASTAL WATERWAY/ ENGINEER DISTRICT, WILMINGTON-----						1,222			
CAPE FEAR RIVER, N.C.-----						167,046			
ATLANTIC INTRACASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON-----	23,004								
ST. JOHNS RIVER, FLA.-----							33,344		
TOTAL, SHIPPING AREA-----	35,871					168,268	33,344		
ATLANTIC INTRACASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON-----		15,149		84,095		139,782			
ATLANTIC INTRACASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON-----						334,180			
CODDER RIVER, S.C.-----				204					
SAVANNAH RIVER, GA.-----									
TOTAL, SHIPPING AREA-----		15,347		84,303		473,902			
SAVANNAH RIVER, GA./ DELAWARE RIVER: NEW JERSEY SIDE- YORK RIVER, VA.-----		3,041							
HAMPTON ROADS, VA.-----		2,947				6,891	1,808		
CAPE FEAR RIVER, N.C.-----		6,080					3,426		
ATLANTIC INTRACASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON-----							3,636		
SAVANNAH RIVER, GA.-----		4,315				194			7,090
ATLANTIC INTRACASTAL WATERWAY/ ENGINEER DISTRICT, SAVANNAH-----		2,824				358			
ST. JOHNS RIVER, FLA.-----		3,911							
TOTAL, SHIPPING AREA-----		23,114				239,564	8,870		7,090

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
ATLANTIC INTRACOASTAL WATERWAY: ENGINEER DISTRICT, SAVANNAH/ ATLANTIC INTRACOASTAL WATERWAY: ENGINEER DISTRICT, SAVANNAH/ ST. JOHNS RIVER, FLA.						57,860 26,235			
TOTAL, SHIPPING AREA						84,095			
ST. JOHNS RIVER, FLA./ CAPE FEAR RIVER, N.C. SAVANNAH RIVER, GA. ATLANTIC INTRACOASTAL WATERWAY: ENGINEER DISTRICT, SAVANNAH/ ST. JOHNS RIVER, FLA.		2,585 1,524							
	48,039	4,203 76,374		182,529		520,891 1,528,721	1,299		
TOTAL, SHIPPING AREA	48,039	84,692		182,529		2,049,612	1,299		
ATLANTIC INTRACOASTAL WATERWAY: ENGINEER DISTRICT, JACKSONVILLE/ ST. JOHNS RIVER, FLA. ATLANTIC INTRACOASTAL WATERWAY: ENGINEER DISTRICT, JACKSONVILLE	15,615						1,391		
		2,583				1,118,418			
TOTAL, SHIPPING AREA	15,615	2,583				1,118,418	1,391		
INTRACOASTAL WATERWAY, CALOOSAHATCHEE RIVER TO ANCLOTE RIVER, FLA./ OKEECHOBEE WATERWAY, FLA. INTRACOASTAL WATERWAY, CALOOSAHATCHEE RIVER TO ANCLOTE RIVER, FLA.			30,861			841,738			
		69,231				477,936			
TOTAL, SHIPPING AREA		100,091				1,319,674			
GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA./ GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA. APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA. ESCAMBIA AND COVECAH RIVERS, FLA. AND ALA. GULF OF MEXICO WARRIOR RIVER SYSTEM GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA. GALVESTON BAY, TEXAS MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	157,113 10,459	11,624	584,195	11,374		313,480 4,107	8,889 613		9,011 21,757
	71,131	13,911	30,234			73,765	957		
	45,227 5,081	21,514 204		1,134			2,728		792
	4,301		7,560			10,174			
	6,112								
TOTAL, SHIPPING AREA	319,422	47,952	621,989	12,514		401,926	13,187		31,560
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA./ GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA. GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA. GALVESTON BAY, TEXAS	7,336								
	14,140	13,994							
		2,301							
TOTAL, SHIPPING AREA	21,476	16,295							
GULF OF MEXICO/ GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA. GULF OF MEXICO GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA. LAKE PONTCHARTRAIN, LA. GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SARINE RIVER, TEX. ATCHAFALAYA RIVER, LA. CALCASIEU RIVER AND PASS, LA. SARINE-NECHES WATERWAY, TEXAS GALVESTON BAY, TEXAS MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES			90,987 7,353					98	9,700 38
		751 141							
	133	9,204	470,094						
			22,060						
		25	523,606						
			393,292						
	7,354		58,257						1,469
	31,892	11,074	601,353						193,021

WATERBORNE COMMERCE OF THE UNITED STATES, 1980

TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREACALENDAR YEAR 1980
(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	2,594	11,227	361,456						
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.			43,013						8,467
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE			50,029						
TOTAL, SHIPPING AREA	41,973	123,417	2,530,513					98	212,695
HARRISON RIVER SYSTEM/ GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA.	151,189	69,828	50,784	241,745		43,239	52,212		
APALACHICOLA, CHATTahoochee AND FLINT RIVERS, GA. AND FLA.		11,194							66,276
GULF OF MEXICO			331,306			13,600			
HARRISON RIVER SYSTEM	37,963	98,992	627,759	11,378		295,608	12,101		47,086
ALABAMA-COOSA RIVERS, ALA. AND GA.						7,086			
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.	13,141	1,799		17,064		25,355			
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SARINE RIVER, TEX.	5,444		52,263				5,043		
ATCHAFALAYA RIVER, LA.	5,643						14,031		
OUACHITA AND BLACK RIVERS, ARK. AND LA.		5,607							
HERMENTAUX RIVER, BAYOU VEZPIQUE AND BAYOU DES CANNES, LA.			3,535						
CALCASIEU RIVER AND PASS, LA.		5,691				51,448	3,218		
SARINE-NECHES WATERWAY, TEXAS	12,247		430,795			77,947	40,354		
GALVESTON BAY, TEXAS	14,133	19,397	23,775	10,597		348,426	86,545		17,752
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS			37,599				5,928		748
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	152	4,000	316,844			36,046			
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	130,722	15,964	76,047	9,674	23,945	108,722	40,237		2,914
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.			31,780						
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	4,300								
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER						11,743			
YAZOO RIVER AND MOUTH, MISS.			13,175						
WOLF RIVER, TEX.			359,268						
PORT OF CHICAGO, ILL.						20,187			
TOTAL, SHIPPING AREA	374,947	232,464	2,354,930	290,455	23,960	1,039,407	279,669		134,776
ALABAMA-COOSA RIVERS, ALA. AND GA./ HARRISON RIVER SYSTEM			20,540						
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA./ GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA.	556,834	9,821		156,512		27,906			15,177
APALACHICOLA, CHATTahoochee AND FLINT RIVERS, GA. AND FLA.	15,561	8,233							
GULF OF MEXICO		574							116,676
HARRISON RIVER SYSTEM	515,987	4,551				473,183			1,504
ALABAMA-COOSA RIVERS, ALA. AND GA.						38,581			
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.	43,377	71,623				25,052			
INNERHARRISON NAVIGATION CANAL, LA.						2,374			
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SARINE RIVER, TEX.		185							
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	1,693		335,268			69,446			47,502
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	3,200		2,451			72,242			
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	8,379								

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----						11,409			
WOLF RIVER, TENN.-----						4,968			
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE-----	33,771	13,789		14,201		331,356			11,361
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON-----		3,489							
TENNESSEE RIVER, TENN., ALA. AND KY.-----	5,101			900					
PORT OF CHICAGO, ILL.-----						10,889			
TOTAL, SHIPPING AREA-----	1,243,902	112,269	337,719	151,612		1,067,406			192,220
INNERHARBOR NAVIGATION CANAL, LA. / GULF OF MEXICO-----		501							
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.-----		792							
LAKE PONTCHARTRAIN, LA.-----		229							
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES-----		111				1,541			
TOTAL, SHIPPING AREA-----		1,593				1,541			
LAKE PONTCHARTRAIN, LA. / WARRIOR RIVER SYSTEM-----		184							
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.-----		179							
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES-----			1,226						
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----			46,374						
TOTAL, SHIPPING AREA-----		354	47,600						
WATERWAY FROM EMPIRE, LA., TO GULF OF MEXICO-----									
CALCASIEU RIVER AND PASS, LA.-----			23,165						
SABINE-NECHES WATERWAY, TEXAS-----			5,585						
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----			21,137						
TOTAL, SHIPPING AREA-----			49,887						
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX. / GULF OF MEXICO-----		104,699	207,121						
WARRIOR RIVER SYSTEM-----		177							
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.-----		2,791							
PEARL RIVER, MISS. AND LA.-----		114							
LAKE PONTCHARTRAIN, LA.-----		92							
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.-----		25,301	467,541			7,690			
GULF INTRACOASTAL WATERWAY: PLAQUEMINE TO MORGAN CITY ROUTE, LA.-----		3,266	16,530						
ATCHAFALAYA RIVER, LA.-----	8,388	673	101,493			5,548			
INLAND WATERWAY, FRANKLIN TO HERMENTAU RIVER, LA.-----		3,312							
BAYOU VERMILION, LA.-----		29,551	3,678						
HERMENTAU RIVER, BAYOU NEZEPICQUE AND BAYOU DES CANNES, LA.-----	2,335	290	349,170			5,630			
CALCASIEU RIVER AND PASS, LA.-----		2,404	1,570,394			29,309			
SABINE-NECHES WATERWAY, TEXAS-----	9,767	5,913	1,059,892			19,203	778		
GULF INTRACOASTAL WATERWAY: SABINE RIVER TO GALVESTON, TEXAS-----			2,979			4,637			
GALVESTON PAV, TEXAS-----	13,650	7,634	568,393			11,592	15,599		
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS-----	8,301	144	540,826						10,916
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER-----			19,301						
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES-----	3,577	7,289	876,161			9,260	838		68,489
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	1,490	5,574	576,103		6,438	41,714	9,310		
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.-----			319,417			6,200			1,200
YAZOO RIVER AND MOUTH, MISS.-----			28,954						

WATERBORNE COMMERCE OF THE UNITED STATES, 1980

TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
WOLF RIVER, TENN.									3,600
TOTAL, SHIPPING AREA	49,418	206,263	6,707,950		8,438	140,183	26,525		84,205
GULF INTRACOASTAL WATERWAY: PLAQUEMINE TO MORGAN CITY ROUTE, LA.									
GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA.									1,527
GULF OF MEXICO									10,599
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.	2,676								
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.			275,388						
GULF INTRACOASTAL WATERWAY: PLAQUEMINE TO MORGAN CITY ROUTE, LA.			189,847						
ATCHAFALAYA RIVER, LA.	5,759		22,040						
HERMENTAUX RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.			2,451						
CALCASIEU RIVER AND PASS, LA.			48,716						
SABINE-NECHES WATERWAY, TEXAS	6,297		4,443				1,408		
GALVESTON BAY, TEXAS	16,110						1,090		
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	18,749								96,277
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	70,845						5,452		
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.									21,401
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	28,059								
WOLF RIVER, TENN.									4,400
PORT OF CHICAGO, ILL.	21,300								
TOTAL, SHIPPING AREA	169,795		542,885				7,950		134,204
ATCHAFALAYA RIVER, LA./ GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.		8,554	89,101						
GULF INTRACOASTAL WATERWAY: PLAQUEMINE TO MORGAN CITY ROUTE, LA.			127,197						
ATCHAFALAYA RIVER, LA.			106,877			2,774			
BAYOU VERMILION, LA.		225							
HERMENTAUX RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.			32,267						
CALCASIEU RIVER AND PASS, LA.	55,773		47,821			16,644			
SABINE-NECHES WATERWAY, TEXAS	46,206	7,265	5,029						
GALVESTON BAY, TEXAS	3,422	9,813	46,970			5,548	3,116		
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS		7,285	11,757						
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES		4,000							
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	195,956	12,887	24,875						
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	159,975	20,388							7,705
YAZOO RIVER AND MOUTH, MISS.	54,397	5,000							
WOLF RIVER, TENN.	55,849								12,774
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	122,131								
TENNESSEE RIVER, TENN., ALA. AND KY.	49,053								
TOTAL, SHIPPING AREA	742,762	75,417	491,894			24,966	3,116		20,479
OUCHITA AND BLACK RIVERS, ARK. AND LA.									
HERMENTAUX RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.			2,758						
CALCASIEU RIVER AND PASS, LA.			79,187						
SABINE-NECHES WATERWAY, TEXAS			9,989			44,979			
GALVESTON BAY, TEXAS		12,849	2,194			156,847			
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES							1,400		2,875
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		4,961	9,300			12,480			

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.			6,200						
TOTAL, SHIPPING AREA-----		17,810	110,148			214,306	1,400		2,875
INLAND WATERWAY, FRANKLIN TO HERMENTAU RIVER, LA. /									
GULF OF MEXICO-----			2,958						
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.			149,570						
ATCHAFALAYA RIVER, LA.			3,871						
INLAND WATERWAY, FRANKLIN TO HERMENTAU RIVER, LA.		1,356	368						
HERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.		790	61,799						
CALCASIEU RIVER AND PASS, LA.			58,871						
SABINE-NECHES WATERWAY, TEXAS			84,587						
GALVESTON BAY, TEXAS-----			12,385						
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS-----			134,840						
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES			26,948						
TOTAL, SHIPPING AREA-----		2,146	536,197						
BAYOU VERMILION, LA. /									
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.		5,412	9,826						
ATCHAFALAYA RIVER, LA.		125	5,225						
HERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.		95	45,345						
CALCASIEU RIVER AND PASS, LA.			75,932						
SABINE-NECHES WATERWAY, TEXAS	7,050		15,038						
GALVESTON BAY, TEXAS-----			2,491				4,964		
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS-----			18,672						
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES			36,766						
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		600					3,600		
TOTAL, SHIPPING AREA-----	7,050	7,087	205,255				9,564		
HERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA. /									
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.		4,234	2,451				1,200		
ATCHAFALAYA RIVER, LA.	6,370	3,705	5,110			3,697	7,865		
INLAND WATERWAY, FRANKLIN TO HERMENTAU RIVER, LA.		3,991							
BAYOU VERMILION, LA.		13,324							
HERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.		2,280	36,974				2,045		
CALCASIEU RIVER AND PASS, LA.		15,930	92,957			5,299	3,404		
SABINE-NECHES WATERWAY, TEXAS	31,124	13,623	270,336	4,266		46,292	11,889		
GALVESTON BAY, TEXAS-----	21,495	26,845	15,869	13,294	2,691		96,150		
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS-----		4,422	20,012						
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER-----		1,777					5,452		
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	2,956		2,451				6,701		
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	7,004	8,675	28,572			16,878	16,588		
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE-----		3,649							
TOTAL, SHIPPING AREA-----	68,953	101,161	474,672	17,565	2,691	72,076	150,494		
CALCASIEU RIVER AND PASS, LA. /									
GULF INTRACOASTAL WATERWAY: APALACHEE RAY, FLA., TO MORILE BAY, ALA.				23,447			2,810		
GULF OF MEXICO-----		4,104					1,200		187
WARRIOR RIVER SYSTEM-----						3,836			
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.	9,207	16,572	5,822	6,600		14,442			
ATCHAFALAYA RIVER, LA.			2,774						
BAYOU VERMILION, LA.		2,640							

WATERBORNE COMMERCE OF THE UNITED STATES, 1980

TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
HERMENTAU RIVER, BAYOU VEZPIQUE AND BAYOU DES CANNES, LA.		1,080	4,519						
CALCASIEU RIVER AND PASS, LA.		38,764	195,769		23,726	6,976			
SABINE-NECHES WATERWAY, TEXAS	22,773	42,509	125,457	4,706		28,584	1,227	9,711	
GALVESTON BAY, TEXAS	4,240	72,633	146,464	49,216		118,219	93,446		
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS	6,215	105,500	19,150			33,903			
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER			8,426				3,723		
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	10,999		30,424			120,103	24,445		
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	1,838	11,061	503,584	14,714		203,568	9,550	102,946	
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	8,100	13,700		28,545				18,048	
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER								17,136	
YAZOO RIVER AND MOUTH, MISS.	1,400							1,666	
WOLF RIVER, TENN.								10,376	
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE									
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH	1,350	3,745					27,906	16,764	
ALLEGHENY RIVER, PA.								15,624	5,141
PORT OF CHICAGO, ILL.							55,572	60,484	
TOTAL, SHIPPING AREA	66,121	312,321	1,042,389	127,232	23,726	529,431	219,879	252,755	5,328
SABINE-NECHES WATERWAY, TEXAS/ GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA.	97,656			3,404		235,143	1,247		
FSCAMBITA AND CONEJUN RIVERS, FLA. AND ALA.						5,299			
WARRIOR RIVER SYSTEM	6,586	18,194				101,573	5,863	8,971	
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.	41,036	81,784	34,769			121,326			
GULF INTRACOASTAL WATERWAY: PLAQUEMINE TO MORGAN CITY ROUTE, LA.								16,638	
ATCHAFALAYA RIVER, LA.	2,723	3,421	1,096			57,403			
HERMENTAU RIVER, BAYOU VEZPIQUE AND BAYOU DES CANNES, LA.			80,044						
CALCASIEU RIVER AND PASS, LA.	101,983	59,687	230,013		185,737	229,372	2,400		
SABINE-NECHES WATERWAY, TEXAS	20,194	81,044	1,251,939	10,111	2,632	480,861	18,913	6,148	7,164
GALVESTON BAY, TEXAS	199,174	403,265	320,463		2,614	1,027,979	128,684	8,735	23,109
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS	20,063	88,675	210,140			24,637	8,378		6,233
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	51,274	17,611	2,451			103,638	32,185		10,613
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	44,739	42,372		10,385		403,632		20,721	13,138
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	215,087	59,314	55,707			289,433	18,176	11,703	17,481
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	40,549	16,494						2,087	
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	14,400	7,849				2,666		31,973	
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	5,900	18,765		6,901		78,897	5,177	21,494	
WOLF RIVER, TENN.	37,772	7,189		6,442		4,637			10,544
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	18,806	6,500				7,967	8,494	98,468	
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH	6,629	19,525		2,604		13,997	20,193	39,987	
CUMBERLAND RIVER, TENN. AND KY.		3,468						3,012	
KANAWHA RIVER, W.VA.								11,121	
ALLEGHENY RIVER, PA.							1,335	21,100	2,537
PORT OF CHICAGO, ILL.						4,634	30,108	86,118	66,112
TOTAL, SHIPPING AREA	918,194	919,161	2,226,622	39,847	190,983	3,191,254	281,153	345,868	136,931
GULF INTRACOASTAL WATERWAY: SABINE RIVER TO GALVESTON, TEXAS/ HERMENTAU RIVER, BAYOU VEZPIQUE AND BAYOU DES CANNES, LA.			4,902						
SABINE-NECHES WATERWAY, TEXAS			4,489						
GALVESTON BAY, TEXAS			152,858						

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CALENDAR YEAR 1980

(14 TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GRASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS-----			36,936						
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER-----			33,244						
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----						498		499	
TOTAL, SHIPPING AREA-----			232,409			498		499	
GALVESTON BAY, TEXAS/ GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA.-----	16,601		4,596	20,667		13,692	6,085	2,407	727
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.-----							10,934	2,330	
GULF OF MEXICO-----		23							6,900
WARRIOR RIVER SYSTEM-----	33,093		9,192			46,994		15,341	
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.-----							1,200		925
INNERHARBOR NAVIGATION CANAL, LA.-----						10,988			
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.-----	30,387	8,187	19,164	2,144		63,701			
ATC: ALAFAYA RIVER, LA.-----		14,512	5,822			18,066			
OUCHITA AND BLACK RIVERS, ARK. AND LA.-----						55,060			
MEKONGTAU RIVER, BAYOU VEZIQUE AND BAYOU DES CANNES, LA.-----	65,350	2,216	2,451						
CALCASTEU RIVER AND PASS, LA.-----	43,161	29,256	130,146		13,219	75,768		1,925	27,152
SABINE-NECHES WATERWAY, TEXAS-----	44,816	177,826	71,385	1,384	293	413,786	41,094	25,207	17,375
GULF INTRACOASTAL WATERWAY: SABINE RIVER TO GALVESTON, TEXAS-----	1,543	75				2,484			
GALVESTON BAY, TEXAS-----	349,653	649,884	278,647	8,615	118,044	3,506,614	492,025	58,683	153,194
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS-----	16,583	29,954	205,995		82,179	30,920	42,263	74,151	86,972
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER-----	28,729	5,016	44,729		303	66,593	32,085		31,530
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES-----	52,318	45,994	134,661			770,240	13,625	38,086	75,046
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	358,329	168,222	70,593	19,971	24,527	680,217	212,966	123,195	59,273
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.-----	96,907	12,765				105,827	6,373	5,695	2,695
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	23,233						1,329	16,571	
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	15,000	7,271			8,411	27,177	30,260	34,457	3,136
YAZOO RIVER AND MOUTH, MISS.-----		3,101							
ARKANSAS RIVER, ARK.-----						35,028			
WOLF RIVER, TENN.-----	35,732	34,141	9,192						1,215
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE-----	35,564	28,695			2,600	49,156	40,672	1,131	
OHIO RIVER: ENGINEER DISTRICT, MUNTINGTON-----	3,244	4,494	4,158			6,427	24,129	25,443	8,182
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH-----		16,759				16,520	46,981	54,927	
TENNESSEE RIVER, TENN., ALA. AND KY.-----	8,861	2,607	2,111				1,354	2,244	
CUMBERLAND RIVER, TENN. AND KY.-----								2,701	
RIG SANDY RIVER, KY. AND W.VA.-----						17,139			
KANAWHA RIVER, W.VA.-----	5,205						54,768	2,058	
MONONGAHELA RIVER, PA. AND W.VA.-----	73,317	13,174			471	22,553			
ALLEGHENY RIVER, PA.-----						8,457	8,081	77,337	6,156
MISSOURI RIVER-----								2,445	
ILLINOIS RIVER, ILL.-----		2,832					2,607		
LAKE MICHIGAN-----							1,653		1,298
PORT OF CHICAGO, ILL.-----	2,356					25,511	250,135	48,718	
TOTAL, SHIPPING AREA-----	1,409,894	1,958,982	992,796	52,787	250,050	6,270,638	1,320,625	694,652	481,776
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS/ GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA.-----						8,425			
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.-----							1,181		

WATERBORNE COMMERCE OF THE UNITED STATES, 1980

TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
ESCAMBIA AND CONECH RIVERS, FLA. AND ALA.						6,297			
GULF OF MEXICO		33							
WARRIOR RIVER SYSTEM		5,465				21,422			
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.						4,107			
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.		5,284	64,799					1,279	
ATCHAFALAYA RIVER, LA.			949				5,452		
HERNANDEZ RIVER, BAYOU VEZIQUE AND BAYOU DES CANNES, LA.			5,815			2,774			
CALCASIEU RIVER AND PASS, LA.	7,434	5,904	57,392	16,403	2,757	74,025			16,554
SABINE-NECHES WATERWAY, TEXAS	10,506	20,289	119,915	6,534		54,418	2,400		9,208
GALVESTON BAY, TEXAS	64,957	96,474	104,236	16,907	7,269	452,969	48,325	5,574	33,468
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS	19,196	37,461	136,470		3,364	516	4,909	2,875	1,325
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	8,223	42,672	195,031	1,991	16,038	196,792	62,110	5,962	
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES		10,184				45,067			
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		12,337	81,766			57,491	8,634		
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.						5,564			
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	22,694								
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	1,332								
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH						18,599		2,108	
TENNESSEE RIVER, TENN., ALA. AND KY.							13,758		
MONONGAHELA RIVER, PA. AND W.VA.						12,468			
ILLINOIS RIVER, ILL.							1,216		
TOTAL, SHIPPING AREA	134,346	230,111	766,373	41,835	29,428	958,854	147,965	17,798	60,555
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER/									
GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA.				50,901					
WARRIOR RIVER SYSTEM						19,673	1,195		
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.		1,921		21,149		5,146			
ATCHAFALAYA RIVER, LA.	17,847						5,400		
CALCASIEU RIVER AND PASS, LA.			8,825			10,452	4,225		
SABINE-NECHES WATERWAY, TEXAS	159,444	23,461	260,554	21,444	8,300	90,811	101,298	1,121	
GULF INTRACOASTAL WATERWAY: SABINE RIVER TO GALVESTON, TEXAS		2,281							
GALVESTON BAY, TEXAS	545,683	472,364	374,263	263,984	5,412	426,429	314,537	2,791	17,796
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS	65,517	51,564	82,558	2,844		49,691	44,871	17,870	
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	690,863	517,634	358,360	8,434	377	536,003	109,495		94,035
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES		13,643	11,387			12,584			
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	9,421	67,942	22,891	18,674	24,136	125,608	55,134		
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.				48,384					
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	6,639								
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE				18,487					
TOTAL, SHIPPING AREA	1,464,529	1,150,011	1,116,894	454,301	38,225	1,275,797	636,155	21,782	111,831
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES/ GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA.	298,300					33,383	5,559		14,362
GULF OF MEXICO		83,291	20,480				32,225		47,064
WARRIOR RIVER SYSTEM	154,411	2,007	3,830			31,349			1,504

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.,	1,826	5,055				559			
INNERHARBOR NAVIGATION CANAL, LA.,		33,951				34,653			
LAKE PONTCHARTRAIN, LA.,		825							
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,	27,088	156,545	110,859			84,531			
GULF INTRACOASTAL WATERWAY: PLAQUEMINE TO MORGAN CITY ROUTE, LA.,	1,915								
ATCHAFALAYA RIVER, LA.,		29,291							
BAYOU VERMILION, LA.,		360							
HERMENTAUX RIVER, BAYOU NEZIGQUE AND BAYOU DES CANNES, LA.,			18,811						
CALCASTEUX RIVER AND PASS, LA.,	5,706	13,904	151,787			4,140	6,225		240
SABINE-NECHES WATERWAY, TEXAS--			92,764			84,286			
GALVESTON BAY, TEXAS--	7,096		69,034			75,349	2,713	1,750	2,043
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS--			23,695			5,112			
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER--									1,690
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES--	93,829	167,845	1,130,341		1,338	2,632,866	25,322	10,569	11,626
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,	20,777	65,087	981,593		1,837	1,033,479	9,603		3,257
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.,	47,692	17,287	1,857,936			15,795	2,455		49,019
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER--									3,351
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER--							1,298		
YAZOO RIVER AND MOUTH, MISS.,		2,500							
ARKANSAS RIVER, ARK.,	13,376	7,600				14,216			
WOLF RIVER, TENN.,	152,155	25,962	379,814						
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE--	413,604	125,611	159,618	2,822		7,210		10,218	
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON--	5,559							1,701	
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH--						15,799			
TENNESSEE RIVER, TENN., ALA. AND KY.,	142,565	9,493							
KANAWHA RIVER, W. VA.,							622		
ALLEGHENY RIVER, PA.,								1,507	
ILLINOIS RIVER, ILL.,							1,383		
TOTAL, SHIPPING AREA--	1,345,899	746,611	4,989,562	2,822	3,175	4,076,727	47,405	25,765	134,146
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.,									
GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA.,	73,235	6,590		35,934		87,330		45,908	3,074
GULF OF MEXICO--		63,544				30,344			7,446
WARRIOR RIVER SYSTEM--	125,383	31,245	25,137			125,592			39,722
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.,	24,273	9,115				27,241	2,400		
LAKE PONTCHARTRAIN, LA.,			4,596						
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.,	22,060	42,744	33,404			145,941		1,546	
GULF INTRACOASTAL WATERWAY: PLAQUEMINE TO MORGAN CITY ROUTE, LA.,			2,511					3,624	
ATCHAFALAYA RIVER, LA.,	19,867	40,611	21,604			73,446	14,857		
OUCHITA AND BLACK RIVERS, ARK. AND LA.,		4,794				19,190			
BAYOU VERMILION, LA.,		10,040							
HERMENTAUX RIVER, BAYOU NEZIGQUE AND BAYOU DES CANNES, LA.,			17,157						
CALCASTEUX RIVER AND PASS, LA.,	34,881	48,222	62,906			64,820			
SABINE-NECHES WATERWAY, TEXAS--	158,424	63,000	34,476			139,192	22,861	4,409	8,573
GALVESTON BAY, TEXAS--	522,769	508,014	90,884	12,294	105,072	357,011	175,743	39,971	15,835
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS--	8,141	92,191	14,180			23,451	4,050		4,826
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER--		5,774	5,184		3,175	13,745	4,020		15,878

TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(14 TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES-	240,502	416,349	59,103	-----	2,206	1,463,754	26,999	14,199	38,335
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW	356,743	545,407	467,379	12,529	3,819	1,833,444	137,495	29,249	54,034
ORLEANS, LA.-----									
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING	1,121,344	922,245	20,927	268,229	-----	663,262	2,500	2,798	45,031
BATON ROUGE, LA.-----									
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO	133,717	7,574	-----	-----	-----	-----	5,407	21,785	-----
RIVER-----									
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI	51,844	34,994	456,423	-----	-----	75,392	11,430	28,026	2,100
RIVER-----							3,000		
YAZOO RIVER AND MOUTH, MISS.	27,800	1,201	-----	-----	-----	-----	-----	-----	-----
ARKANSAS RIVER, ARK.	2,600	165,624	-----	-----	-----	13,228	-----	-----	8,860
WOLF RIVER, TENN.	319,520	62,963	937,997	4,400	-----	25,549	-----	-----	16,245
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE-----	356,920	448,068	53,048	-----	-----	55,796	1,243	17,025	94,406
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON-----	21,807	6,622	18,013	-----	-----	13,236	3,351	-----	10,023
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH-----	66,901	75,614	-----	161,979	-----	42,964	10,186	27,463	26,823
TENNESSEE RIVER, TENN., ALA. AND KY.-----	50,178	154,262	-----	-----	929	10,155	6,879	-----	9,971
CUMBERLAND RIVER, TENN. AND KY.	31,281	8,904	5,103	-----	-----	-----	-----	1,343	34,289
KANAWHA RIVER, W.VA.	286,697	106,119	-----	15,139	7,769	-----	-----	1,373	-----
LITTLE KANAWHA RIVER, W.VA.	83,529	-----	-----	-----	-----	-----	-----	-----	-----
HONONGAMELA RIVER, PA. AND W.VA.-----	-----	4,207	-----	-----	-----	22,639	-----	-----	53,528
ALLEGHENY RIVER, PA.-----	-----	-----	-----	-----	1,764	-----	-----	45,874	-----
ILLINOIS RIVER, ILL.-----	-----	-----	-----	-----	-----	66,400	-----	-----	45,892
PORT OF CHICAGO, ILL.-----	-----	-----	-----	-----	-----	80,504	15,433	28,045	23,797
TOTAL, SHIPPING AREA-----	4,120,537	3,485,519	2,330,014	510,504	124,733	5,473,646	449,854	312,326	558,688
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA./									
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.-----	-----	-----	18,225	-----	-----	-----	-----	-----	-----
ATCHAFALAYA RIVER, LA.-----	-----	-----	-----	-----	-----	5,548	-----	-----	-----
SABINE-NECHES WATERWAY, TEXAS-----	11,209	73,823	-----	-----	-----	3,100	-----	-----	-----
GALVESTON BAY, TEXAS-----	-----	-----	24,321	-----	4,000	-----	15,489	31,200	-----
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER-----	-----	-----	-----	-----	-----	-----	-----	1,242	-----
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES-	-----	4,152	10,876	-----	-----	44,957	5,900	-----	927
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW	36,465	37,654	170,918	-----	23,983	169,533	51,270	-----	-----
ORLEANS, LA.-----									
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING	109,593	115,113	11,944	-----	-----	10,193	1,400	-----	-----
BATON ROUGE, LA.-----									
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI	-----	10,373	-----	-----	-----	-----	10,400	-----	14,850
RIVER-----									
YAZOO RIVER AND MOUTH, MISS.	10,700	-----	-----	-----	-----	-----	-----	-----	-----
ARKANSAS RIVER, ARK.	-----	11,970	-----	-----	-----	6,066	-----	-----	-----
WOLF RIVER, TENN.	174,021	167,910	59,999	-----	-----	-----	-----	-----	17,645
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE-----	35,993	37,066	-----	-----	34,901	-----	-----	-----	-----

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	93,005	11,151				8,224			
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	71,871	104,005							
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	19,384	34,567		10,590		38,044			13,583
WOLF RIVER, TENN.	6,301								
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	26,954	17,334				1,082			
CUMBERLAND RIVER, TENN. AND KY.	7,950								
ILLINOIS RIVER, ILL.	95,937	71,707		3,687		21,593			
BLACK RIVER, WIS.	7,667	7,667							
PORT OF CHICAGO, ILL.		6,405							
TOTAL, SHIPPING AREA	313,918	275,463		14,277		126,675			17,603
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER/ CALCASIEU RIVER AND PASS, LA.	7,972								
SARINE-NECHES WATERWAY, TEXAS		7,224							
GALVESTON BAY, TEXAS	42,980						23,496	5,357	16,943
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS									2,846
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES- MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	74,882	33,755				81,650		21,185	
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	13,879					175,980	10,800	13,000	
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	301,519	141,669		5,817		20,799			
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	938,676	335,464		15,600	10,885	49,564			232,593
WOLF RIVER, TENN.	17,038					10,158			
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	188,326	109,775		1,647				2,612	62,137
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH				8,451		19,200			
TENNESSEE RIVER, TENN., ALA. AND KY.	1,750					13,519		1,554	188,206
CUMBERLAND RIVER, TENN. AND KY.	83,972	5,719		864	1,319				20,151
ALLEGHENY RIVER, PA.		1,389				1,370			
MISSOURI RIVER	56,391	13,299					3,713		45,056
ILLINOIS RIVER, ILL.	290,544	237,490		22,001		43,335			71,768
BLACK RIVER, WIS.	32,013	38,761	4,200						34,146
MINNESOTA RIVER, MINN.									8,834
LAKE MICHIGAN							8,993	1,571	1,400
PORT OF CHICAGO, ILL.						11,742	9,839		5,090
TOTAL, SHIPPING AREA	2,044,944	926,571	4,200	54,380	17,204	1,038,364	54,831	62,971	695,248
YAZOO RIVER AND MOUTH, MISS./ MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		10,115	7,005			13,332	3,000		
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	38,139	7,300							
WOLF RIVER, TENN.		12,074	10,157						7,836
TOTAL, SHIPPING AREA	38,139	29,489	17,162			13,332	3,000		7,836
ARKANSAS RIVER, ARK./ GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA.						5,817			
WABASH RIVER SYSTEM						31,079			
INNERHARBOR NAVIGATION CANAL, LA.						10,624			
CALCASIEU RIVER AND PASS, LA.						8,291			
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES- MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.						95,258		2,800	
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.			5,942			68,450			
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER						178,580			
ARKANSAS RIVER, ARK.			11,490						
WOLF RIVER, TENN.						121,637			
						10,688			

WATERBORNE COMMERCE OF THE UNITED STATES, 1980

TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GRFASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH						11,549			
MONONGAHELA RIVER, PA. AND W.VA.						17,884			
ALLIQUENY RIVER, PA.						3,484			
ILLINOIS RIVER, ILL.						11,896			
PORT OF CHICAGO, ILL.						11,571			
TOTAL, SHIPPING AREA			17,432			1,361,122		2,800	
HOLF RIVER, TENN. / MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	5,274	12,714	3,055			41,583			
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	31,549	50,139							
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	22,893	6,591							
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	6,187	6,614							
YAZOO RIVER AND MOUTH, MISS.	7,469								
HOLF RIVER, TENN.	49,276	17,293							
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE		18,223							6,330
TENNESSEE RIVER, TENN., ALA. AND KY.		8,701							
CUMBERLAND RIVER, TENN. AND KY.	12,257	2,421							
KANAWHA RIVER, W.VA.		16,885							5,940
ILLINOIS RIVER, ILL.									
TOTAL, SHIPPING AREA	134,897	139,388	3,055			41,583			12,270
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE / WARRIOR RIVER SYSTEM		14,360							
ATCHAFALAYA RIVER, LA.	1,466								
RAYOU VERMILION, LA.	1,414								
SARINE-NECHES WATERWAY, TEXAS	91,496	115,491		9,901		8,408	1,031		
GALVESTON BAY, TEXAS		15,019				80,287			2,224
GULF INTRACASTLE WATERWAY: GALVESTON TO CHARLES CHRISTI, TEXAS		2,900							
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSLS-		28,923				1,907			
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	25,573	58,459	11,608			230,819			
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	41,657	29,170		59,039		10,000			
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	125,749	49,747		19,217					
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	32,770	12,254	3,000	28,801					
YAZOO RIVER AND MOUTH, MISS.		1,407							
HOLF RIVER, TENN.	141,074	31,221		28,887		4,968			
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	917,141	537,621		54,291	12,961	86,007	4,754		16,570
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON	274,522	184,735		1,895	4,608	30,480	2,883		19,325
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH	102,014	60,772		58,563		157,056			
TENNESSEE RIVER, TENN., ALA. AND KY.	101,284	121,663							
CUMBERLAND RIVER, TENN. AND KY.	24,571	3,317				6,178			
BIG SANDY RIVER, KY. AND W.VA.	11,546	2,634				21,585			
KANAWHA RIVER, W.VA.	93,560	14,849		10,737					
MONONGAHELA RIVER, PA. AND W.VA.	6,024	33,747				27,868		3,161	
ALLIQUENY RIVER, PA.									89,368
ILLINOIS RIVER, ILL.	20,219					43,927			
PORT OF CHICAGO, ILL.		19,202		10,501		48,926			
TOTAL, SHIPPING AREA	2,077,141	1,535,574	14,608	281,824	17,569	756,416	8,668	3,161	127,487
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH / TEXAS INTRACASTLE WATERWAY									9,569
SARINE-NECHES WATERWAY, TEXAS		9,401	44,082			12,944		2,484	
GALVESTON BAY, TEXAS								2,833	
GULF INTRACASTLE WATERWAY: GALVESTON TO CHARLES CHRISTI, TEXAS									8,499
TOTAL, SHIPPING AREA						1,374		2,732	

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2922, 2991)
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES-		3,000				172,625	1,347	9,346	3,345
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW	53,133					247,997		3,520	29,683
ORLEANS, LA., TO MOUTH OF								26,140	
OHIO RIVER TO BUT NOT INCLUDING									
BATON ROUGE, LA., TO MOUTH OF									
MISSISSIPPI RIVER: MOUTH OF									
MISSOURI RIVER TO MOUTH OF OHIO	26,009	2,595		14,113				47,544	
RIVER									
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI								2,963	
RIVER									
ARKANSAS RIVER, ARK.						8,621			
GULF RIVER, TENN.	1,220			1,901		2,510			5,454
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	1,595,485	442,220	11,700	377,030	41,249		2,919	2,603	39,846
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON	725,469	335,176	52,105	26,436	15,115	3,600			2,115
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH	251,796	222,279	141,458	185,285	19,767	12,687	4,530	6,289	2,643
TENNESSEE RIVER, TENN., ALA. AND KY.						154,694			17,460
CUMBERLAND RIVER, TENN. AND KY.	4,654								22,604
BIG SANDY RIVER, KY. AND W.VA.	26,413	2,491	5,946			18,408			
KANAWHA RIVER, W.VA.	295,993	142,197		4,241	2,752	20,580			
LITTLE KANAWHA RIVER, W.VA.	1,222								
MONTGOMERY RIVER, PA. AND W.VA.	299,776	127,907			14,988				3,451
ALLEGHENY RIVER, PA.								7,135	12,620
MISSOURI RIVER		1,565							
PORT OF CHICAGO, ILL.							2,849		
TOTAL, SHIPPING AREA	5,273,176	1,289,432	255,291	609,014	93,871	635,660	12,225	113,589	157,469
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH									
GULF INTRACASTAL WATERWAY:									
MORILE BAY, ALA., TO NEW									1,244
ORLEANS, LA., TO MOUTH OF							1,073		
CALCASIEU RIVER AND PASS, LA.								4,410	
SABINE-NECHES WATERWAY, TEXAS									8,175
GALVESTON BAY, TEXAS	1,225	925							
GULF INTRACASTAL WATERWAY:									
CORPUS CHRISTI, TEXAS, TO THE								10,988	10,777
MEXICAN BORDER									
MISSISSIPPI RIVER: NEW									
ORLEANS, LA., TO MOUTH OF PASSES-		4,095				12,679		4,175	6,704
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW									
ORLEANS, LA., TO MOUTH OF		3,175				15,205			1,000
OHIO RIVER TO BUT NOT INCLUDING									
BATON ROUGE, LA., TO MOUTH OF	2,242							24,923	
MISSISSIPPI RIVER: MOUTH OF									
MISSOURI RIVER TO MOUTH OF OHIO		1,262						3,923	
RIVER									
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI							5,813		
RIVER									2,414
WOLF RIVER, TENN.									
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	23,411	38,867						1,252	
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON		8,489		14,944	1,086	5,450			2,412
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH	27,785	163,503				73,613		1,324	18,456
TENNESSEE RIVER, TENN., ALA. AND KY.	2,703				407				15,018
CUMBERLAND RIVER, TENN. AND KY.		1,401							
BIG SANDY RIVER, KY. AND W.VA.		7,142		16,477		94,563	7,142		
KANAWHA RIVER, W.VA.							573		
MONTGOMERY RIVER, PA. AND W.VA.	276,044	238,667			8,661	71,575			
ALLEGHENY RIVER, PA.		14,492						2,568	
ILLINOIS RIVER, ILL.						4,528			
TOTAL, SHIPPING AREA	333,411	481,947		31,421	8,154	276,413	15,611	53,563	66,210
TENNESSEE RIVER, TENN., ALA. AND KY.									
OUCHITA AND BLACK RIVERS, ARK. AND LA.	22,544								
SABINE-NECHES WATERWAY, TEXAS									18,020
GALVESTON BAY, TEXAS	73,340								
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE		1,242							
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON		3,201							

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TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2916)
TENNESSEE RIVER, TENN., ALA. AND KY.		120.003				16.634			
BIG SANDY RIVER, KY. AND W.VA.		4.015						2.403	
MONONGAHELA RIVER, PA. AND W.VA.									
TOTAL, SHIPPING AREA-----	95.884	120.457				16.634		2.403	18.020
CUMBERLAND RIVER, TENN. AND KY. / MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	3.975	3.474							
WOLF RIVER, TENN.									
TOTAL, SHIPPING AREA-----	3.975	3.474							
BIG SANDY RIVER, KY. AND W.VA. / SABINE-NECHES WATERWAY, TEXAS-- GALVESTON BAY, TEXAS-- MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES-- MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----						9.786 46.656 60.199		2.984 2.832 4.050	
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----	1.354							56.184	
WOLF RIVER, TENN.						3.567			11.773
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE-----	61.734					7.840	21.718	41.941	117.031
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON-----	2.706					8.108	6.507		22.766
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH-----				3.867		166.475	13.894	33.125	47.457
TENNESSEE RIVER, TENN., ALA. AND KY.						4.680			5.158
CUMBERLAND RIVER, TENN. AND KY.		1.969				15.620			91.230
KANAWHA RIVER, W.VA.								1.287	
MONONGAHELA RIVER, PA. AND W.VA.								1.317	73.313
ALLEGHENY RIVER, PA.								6.687	
ILLINOIS RIVER, ILL.						12.721			
PORT OF CHICAGO, ILL.						11.979	9.762	10.293	
TOTAL, SHIPPING AREA-----	65.804	1.963		3.867		347.591	50.881	162.700	368.728
KANAWHA RIVER, W.VA. / MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----						1.400			
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE-----						1.400			
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON-----	1.175	449							
BIG SANDY RIVER, KY. AND W.VA.						7.271			
KANAWHA RIVER, W.VA.	1.242								
MONONGAHELA RIVER, PA. AND W.VA.		1.295							
TOTAL, SHIPPING AREA-----	2.427	1.744				10.071			
LITTLE KANAWHA RIVER, W.VA. / BIG SANDY RIVER, KY. AND W.VA.	1.971								
MONONGAHELA RIVER, PA. AND W.VA. / WARRIOR RIVER SYSTEM-- GULF INTRACASTAL WATERWAY-- MOBILE BAY, ALA., TO NEW ORLEANS, LA.-----		3.812							1,200
GALVESTON BAY, TEXAS-- MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES-- MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----								1,568	12,046
WOLF RIVER, TENN.						6.612			6,149
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE-----	6.507	4.644							1,228
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON-----	2.324	1.639				5.600			16,095
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH-----	985	22,124				4,871			2,349
TENNESSEE RIVER, TENN., ALA. AND KY.									13,209
MONONGAHELA RIVER, PA. AND W.VA.	93,409	15,841				1,550			
TOTAL, SHIPPING AREA-----	43,231	48,161				18,633		1,568	52,276

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
ALLEGHENY RIVER, PA./ SABINE-NECHES WATERWAY, TEXAS-- GALVESTON BAY, TEXAS-- MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES-- OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE-- OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH-- MONONGAHELA RIVER, PA. AND W.VA.--								1,336 1,359	
								7,611	
								1,317	
		8,602							
	1,472	8,845			1,372				
TOTAL, SHIPPING AREA--	1,472	17,447			1,372			11,623	
MISSOURI RIVER/ MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-- MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER--						38,289			
		10,981				4,569			
TOTAL, SHIPPING AREA--		10,981				42,858			
ILLINOIS RIVER, ILL./ SABINE-NECHES WATERWAY, TEXAS-- GALVESTON BAY, TEXAS-- MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-- MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.-- MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-- MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-- WOLF RIVER, TENN.-- OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH-- TENNESSEE RIVER, TENN., ALA. AND KY.-- ILLINOIS RIVER, ILL.-- BLACK RIVER, ILL.-- LAKE MICHIGAN-- PORT OF CHICAGO, ILL.--	6,796	84,234	24,919					57,225	
			11,582			50,933		3,206	
	2,321					10,796			
	133,524	106,387				18,895			
	24,831	4,804				11,893			
	3,956								
						11,575			
						20,546			2,457
	456,754	161,327		1,634					
	11,239	8,502							
		2,634							
		14,354				72,320			
TOTAL, SHIPPING AREA--	639,433	384,251	36,501	1,634		202,984		60,431	2,457
BLACK RIVER, WIS./ MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-- MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER--									
	3,005								
	1,474								
TOTAL, SHIPPING AREA--	4,474								
NIAGARA RIVER, N.Y./ PORT OF NEW YORK, N.Y. AND N.J.-- UPPER HUDSON RIVER, N.Y.-- LAKE CHAMPLAIN, N.Y. AND VT.-- NIAGARA RIVER, N.Y.--						31,659			
		5,009							
		4,349		6,055		72,686			
TOTAL, SHIPPING AREA--		9,358		6,055		104,345			
LAKE ERIE/ LAKE ERIE--						56,857			
DETROIT AND ROUGE RIVERS, MICH./ DETROIT AND ROUGE RIVERS, MICH.--	3,725	20,994				209,367			
LAKE MICHIGAN/ GALVESTON BAY, TEXAS-- MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES-- MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-- MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-- OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE-- TENNESSEE RIVER, TENN., ALA. AND KY.-- ILLINOIS RIVER, ILL.-- LAKE MICHIGAN--						21,401			
						9,108			
						28,289	8,767		
							19,549	14,775	
									5,090
								17,720	
	3,961	981				5,316			2,636
TOTAL, SHIPPING AREA--	3,963	9,987				42,633	49,717	32,495	7,726

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TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
PORT OF CHICAGO, ILL./ GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX. SABINE-NECHES WATERWAY, TEXAS-- GALVESTON BAY, TEXAS-- MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES-- MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA. MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA. MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-- MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-- OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON-- OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH-- TENNESSEE RIVER, TENN., ALA. AND KY. BIG SANDY RIVER, KY. AND W.VA. KANAWHA RIVER, W.VA. ILLINOIS RIVER, ILL. PORT OF CHICAGO, ILL.	50,261	21,897		30,728		39,744 11,742 22,005	60,556 70,692 4,015		5,490
TOTAL, SHIPPING AREA--	7,315					308,148	16,140		5,090
LOS ANGELES AND LONG BEACH HARBORS, CALIF./ LOS ANGELES AND LONG BEACH HARBORS, CALIF.						10,916			
SAN FRANCISCO BAY AREA/ SAN FRANCISCO BAY AREA--	11,349			4,684		35,097			
COLUMBIA RIVER: VANCOUVER, WASH., TO THE MOUTH/ COLUMBIA RIVER: VANCOUVER, WASH., TO THE MOUTH-- COLUMBIA RIVER: VANCOUVER, WASH., TO THE DALLES, OREG. COLUMBIA RIVER: ABOVE CELILO FALLS TO KENNEWICK, WASH. WILLAMETTE AND YAMHILL RIVERS, OREG. SNAKE RIVER, OREG., WASH. AND IDAHO--	26,801	5,111				21,867	60,698		
TOTAL, SHIPPING AREA--	26,801	5,111				117,661			8,694
COLUMBIA RIVER: VANCOUVER, WASH., TO THE DALLES, OREG./ COLUMBIA RIVER: VANCOUVER, WASH., TO THE MOUTH--						2,273			1,259
COLUMBIA RIVER: ABOVE CELILO FALLS TO KENNEWICK, WASH./ COLUMBIA RIVER: ABOVE CELILO FALLS TO KENNEWICK, WASH. WILLAMETTE AND YAMHILL RIVERS, OREG.						21,900			11,220
TOTAL, SHIPPING AREA--						47,862			
WILLAMETTE AND YAMHILL RIVERS, OREG./ COLUMBIA RIVER: VANCOUVER, WASH., TO THE MOUTH-- COLUMBIA RIVER: VANCOUVER, WASH., TO THE DALLES, OREG. COLUMBIA RIVER: ABOVE CELILO FALLS TO KENNEWICK, WASH. WILLAMETTE AND YAMHILL RIVERS, OREG.	26,073	1,727				21,987	11,718		
TOTAL, SHIPPING AREA--	38,193	273,399				437,704	6,769	25,021	7,817
LOS ANGELES AND LONG BEACH HARBORS, CALIF./ LOS ANGELES AND LONG BEACH HARBORS, CALIF.	9,324	34,724	1,062,188						
SAN FRANCISCO BAY AREA/ SAN FRANCISCO BAY AREA--	68,592	200,411	4,813,860			543,185	1,410	13,026	
COLUMBIA RIVER: VANCOUVER, WASH., TO THE MOUTH/ COLUMBIA RIVER: VANCOUVER, WASH., TO THE MOUTH-- COLUMBIA RIVER: VANCOUVER, WASH., TO THE DALLES, OREG. COLUMBIA RIVER: ABOVE CELILO FALLS TO KENNEWICK, WASH. WILLAMETTE AND YAMHILL RIVERS, OREG. SNAKE RIVER, OREG., WASH. AND IDAHO--		1,479				762			
TOTAL, SHIPPING AREA--						10,102			
COLUMBIA RIVER: VANCOUVER, WASH., TO THE DALLES, OREG./ COLUMBIA RIVER: VANCOUVER, WASH., TO THE MOUTH--									
COLUMBIA RIVER: ABOVE CELILO FALLS TO KENNEWICK, WASH./ COLUMBIA RIVER: ABOVE CELILO FALLS TO KENNEWICK, WASH. WILLAMETTE AND YAMHILL RIVERS, OREG.	22,712	88,804				22,699			
TOTAL, SHIPPING AREA--		5,235							
WILLAMETTE AND YAMHILL RIVERS, OREG./ COLUMBIA RIVER: VANCOUVER, WASH., TO THE MOUTH-- COLUMBIA RIVER: VANCOUVER, WASH., TO THE DALLES, OREG. COLUMBIA RIVER: ABOVE CELILO FALLS TO KENNEWICK, WASH. WILLAMETTE AND YAMHILL RIVERS, OREG.		6,507							
TOTAL, SHIPPING AREA--	23,731	102,014				33,563			
COLUMBIA RIVER: VANCOUVER, WASH., TO THE DALLES, OREG./ COLUMBIA RIVER: VANCOUVER, WASH., TO THE MOUTH--						1,242			
COLUMBIA RIVER: ABOVE CELILO FALLS TO KENNEWICK, WASH./ COLUMBIA RIVER: ABOVE CELILO FALLS TO KENNEWICK, WASH. WILLAMETTE AND YAMHILL RIVERS, OREG.		2,203							
TOTAL, SHIPPING AREA--		2,203				850			
WILLAMETTE AND YAMHILL RIVERS, OREG./ COLUMBIA RIVER: VANCOUVER, WASH., TO THE MOUTH-- COLUMBIA RIVER: VANCOUVER, WASH., TO THE DALLES, OREG. COLUMBIA RIVER: ABOVE CELILO FALLS TO KENNEWICK, WASH. WILLAMETTE AND YAMHILL RIVERS, OREG.	59,169	117,967				727,303			
TOTAL, SHIPPING AREA--	3,132	3,301				128,204			
WILLAMETTE AND YAMHILL RIVERS, OREG./ COLUMBIA RIVER: VANCOUVER, WASH., TO THE MOUTH-- COLUMBIA RIVER: VANCOUVER, WASH., TO THE DALLES, OREG. COLUMBIA RIVER: ABOVE CELILO FALLS TO KENNEWICK, WASH. WILLAMETTE AND YAMHILL RIVERS, OREG.	637,804	551,215		30,692		98,522			8,151
TOTAL, SHIPPING AREA--	192,893	91,084				439,806		1,308	1,273
WILLAMETTE AND YAMHILL RIVERS, OREG./ COLUMBIA RIVER: VANCOUVER, WASH., TO THE MOUTH-- COLUMBIA RIVER: VANCOUVER, WASH., TO THE DALLES, OREG. COLUMBIA RIVER: ABOVE CELILO FALLS TO KENNEWICK, WASH. WILLAMETTE AND YAMHILL RIVERS, OREG.		2,031				6,534			
TOTAL, SHIPPING AREA--	893,002	765,603		30,692		1,400,369		1,308	9,424
SNAKE RIVER, OREG., WASH. AND IDAHO/ COLUMBIA RIVER: VANCOUVER, WASH., TO THE MOUTH--	3,660								

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 4--DOMESTIC INLAND MOVEMENTS OF PETROLEUM AND PETROLEUM PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	GASOLINE (CODE 2911)	DISTILLATE FUEL OIL (CODE 2914)	CRUDE PETROLEUM (CODE 1311)	JET FUEL (CODE 2912)	KEROSENE (CODE 2913)	RESIDUAL FUEL OIL (CODE 2915)	NAPHTHA (CODE 2917)	LUBRI- CATING OILS AND GREASES (CODE 2916)	OTHER PETROLEUM PRODUCTS (CODES 2918, 2921, 2991)
PUGET SOUND AND TRIBUTARY WATERS/ NEAH BAY, WASH.	1.854	1.834							
PUGET SOUND AND TRIBUTARY WATERS	1,213.482	1,109.538	577.018	188.748		2,501.338	17.430	1.475	5.564
TOTAL, SHIPPING AREA	1,215.336	1,111.372	577.018	188.748		2,501.338	17.430	1.475	5.564
SOUTHEASTERN ALASKA/ SOUTHEASTERN ALASKA	26.358	105.680		12.008		360		4	2.166
ALASKA PENINSULA/ ALASKA PENINSULA	14.978	35.465	1,167.178	4.214					16.003
YUKON RIVER, ALASKA/ YUKON RIVER, ALASKA									26.189
BERING SEA PORTS, ALASKA/ SOUTHEASTERN ALASKA		281							
BERING SEA PORTS, ALASKA	2.337	5,768		3,389					12.091
TOTAL, SHIPPING AREA	2,337	5,547		3,389					12.091
OAHU, HAWAII/ OAHU, HAWAII	1,277								1,731
PUERTO RICO/ PUERTO RICO						6.892			19.479

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TABLE 5--DOMESTIC INLAND MOVEMENTS OF IRON AND STEEL
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	PIG IRON (CODE 3311)	IRON AND STEEL SCRAP (CODE 4011)	IRON AND STEEL SEMIFINISHED PRODUCTS (CODE 3314)	IRON AND STEEL FINISHED PRODUCTS (CODES 3315, 3316, 3319)	IRON AND STEEL PIPE AND TUBE (CODE 3317)
TOTAL, ALL SHIPPING AREAS-----	75,263	2,891,839	875,767	4,047,324	1,271,450
PORT OF NEW YORK, N.Y. AND N.J./ PORT OF NEW YORK, N.Y. AND N.J.-----		569,177			
UPPER HUDSON RIVER, N.Y./ PORT OF NEW YORK, N.Y. AND N.J.-----		3,375			
DELAWARE RIVER/ PENNSYLVANIA AND DELAWARE SIDE/ ST. JOHNS RIVER, FLA.-----				1,018	
HANTUA CREEK, N.J./ ST. JOHNS RIVER, FLA.-----				496	
BALTIMORE HARBOR AND CHANNELS, MD./ BALTIMORE HARBOR AND CHANNELS, MD.-----				40,933	
HAMPTON ROADS, VA./ ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON-----		11,155		1,506	
SAVANNAH RIVER, GA./ ST. JOHNS RIVER, FLA.-----				4,145	
				6,837	
TOTAL, SHIPPING AREA-----		11,155		53,421	
JAMES RIVER, VA./ HAMPTON ROADS, VA./ ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON-----		2,700		28	
TOTAL, SHIPPING AREA-----		2,700		28	
HAMPTON ROADS, VA./ BALTIMORE HARBOR AND CHANNELS, MD./ ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON-----		9,450		180	
TOTAL, SHIPPING AREA-----		9,450		180	
CAPE FEAR RIVER, N.C./ ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON-----		5,000			
ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON/ CHRISTINA RIVER, DEL./ CAPE FEAR RIVER, N.C.-----				12,581	
				3,708	
TOTAL, SHIPPING AREA-----				16,289	
SAVANNAH RIVER, GA./ CAPE FEAR RIVER, N.C./ ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, CHARLESTON-----				11,889	
				24,974	
ST. JOHNS RIVER, FLA.-----				19,541	
TOTAL, SHIPPING AREA-----				56,404	
ST. JOHNS RIVER, FLA./ ST. JOHNS RIVER, FLA./ ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, JACKSONVILLE-----		300		510	
				350	
OKEECHOBEE WATERWAY, FLA.-----				300	
TOTAL, SHIPPING AREA-----		300		1,160	
ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, JACKSONVILLE/ ST. JOHNS RIVER, FLA.-----				325	
ATLANTIC INTRACOASTAL WATERWAY/ ENGINEER DISTRICT, JACKSONVILLE-----				824	7
TOTAL, SHIPPING AREA-----				1,149	7
OKEECHOBEE WATERWAY, FLA./ ST. JOHNS RIVER, FLA.-----				150	
INTRACOASTAL WATERWAY, CALOOSAHATCHEE RIVER TO ANCLOTE RIVER, FLA./ INTRACOASTAL WATERWAY, CALOOSAHATCHEE RIVER TO ANCLOTE RIVER, FLA.-----		30			
GULF INTRACOASTAL WATERWAY/ APALACHEE RAY, FLA., TO MORTLE BAY, ALA./ INDEFINITE NAVIGATION CANAL, LA.-----		16,290			
SABINE-NECHES WATERWAY, TEXAS-----		5,022			
GALVESTON BAY, TEXAS-----		13,170			
MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES-----		769			
MISSISSIPPI RIVER/ BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----		1,251			
TOTAL, SHIPPING AREA-----		36,462			
GULF OF MEXICO/ GULF OF MEXICO-----		151	132	217	52,835
GULF INTRACOASTAL WATERWAY/ MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.-----		778		5	16,310
ATCHAFALAYA RIVER, LA.-----					50
INLAND WATERWAY, FRANKLIN TO HERMENTAU RIVER, LA.-----					120
CALCASTEU RIVER AND PASS, LA.-----					25
MISSISSIPPI RIVER/ NEW ORLEANS, LA., TO MOUTH OF PASSES-----					11
TOTAL, SHIPPING AREA-----		929	132	222	69,351

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 5--DOMESTIC INLAND MOVEMENTS OF IRON AND STEEL--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	PIG IRON (CODE 3311)	IRON AND STEEL SCRAP (CODE 4011)	IRON AND STEEL SEMI-FINISHED PRODUCTS (CODE 3314)	IRON AND STEEL FINISHED PRODUCTS (CODES 3315, 3316, 3319)	IRON AND STEEL PIPE AND TUBE (CODE 3317)
WARRIOR RIVER SYSTEM/ GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA.,				3,660	
WARRIOR RIVER SYSTEM		10,975	8,645	20,703	7,146
LAKE PONCHARTRAIN, LA.				7,373	
SABINE-NECHES WATERWAY, TEXAS		6,197	1,259	8,236	
GALVESTON BAY, TEXAS		209,396	1,002	16,063	
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	1,368	5,609			
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES			602	11,033	
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.			828	7,528	
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE				2,948	
TENNESSEE RIVER, TENN., ALA. AND KY.				495	
MONONGAHELA RIVER, PA. AND W.VA.		6,822			
ALLEGHENY RIVER, PA.		1,412			
TOTAL, SHIPPING AREA	1,368	248,411	12,336	78,839	7,146
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA./ WARRIOR RIVER SYSTEM				4,132	
INNERHARBOR NAVIGATION CANAL, LA.		7,564			
GALVESTON BAY, TEXAS		1,250			
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER		6,250			
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES		1,250			
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		363			
TOTAL, SHIPPING AREA		16,677		4,132	
INNERHARBOR NAVIGATION CANAL, LA./ SABINE-NECHES WATERWAY, TEXAS		91,908			
GULF INTRACOASTAL WATERWAY: SABINE RIVER TO GALVESTON, TEXAS		4,050			
GALVESTON BAY, TEXAS		31,859			800
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER		4,310			
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES		7,121			
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		9,307			
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE				108	811
TOTAL, SHIPPING AREA		148,955		108	1,411
LAKE PONCHARTRAIN, LA./ GULF OF MEXICO					70
WARRIOR RIVER SYSTEM				2,786	
TOTAL, SHIPPING AREA				2,786	70
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX./ GULF OF MEXICO		16		59	100,935
WARRIOR RIVER SYSTEM					2,989
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.		4,393		573	735
INNERHARBOR NAVIGATION CANAL, LA.		16,349			
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.		584		964	8,866
GULF INTRACOASTAL WATERWAY: PLAQUEMINE TO MORGAN CITY ROUTE, LA.		70			
ATCHAFALAYA RIVER, LA.					135
INLAND WATERWAY, FRANKLIN TO MERMENTAU RIVER, LA.					100
BAYOU VERMILION, LA.					1,249
MERMENTAU RIVER, BAYOU VEZPIQUE AND BAYOU DES CANNES, LA.					1,806
CALCASTEU RIVER AND PASS, LA.					920
SABINE-NECHES WATERWAY, TEXAS		3,394			
GALVESTON BAY, TEXAS		9,689		40	4,107
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES		2,800			5,586
TOTAL, SHIPPING AREA		37,295		1,627	207,428
GULF INTRACOASTAL WATERWAY: PLAQUEMINE TO MORGAN CITY ROUTE, LA./ ATCHAFALAYA RIVER, LA.					60
SABINE-NECHES WATERWAY, TEXAS		2,415			
TOTAL, SHIPPING AREA		2,415			60
ATCHAFALAYA RIVER, LA./ GULF OF MEXICO					1,540
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.					60
GULF INTRACOASTAL WATERWAY: PLAQUEMINE TO MORGAN CITY ROUTE, LA.					290
ATCHAFALAYA RIVER, LA.					330
BAYOU VERMILION, LA.					125
TOTAL, SHIPPING AREA					2,345
INLAND WATERWAY, FRANKLIN TO MERMENTAU RIVER, LA./ GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.					510
INLAND WATERWAY, FRANKLIN TO MERMENTAU RIVER, LA.					1,909
BAYOU VERMILION, LA.					730
MERMENTAU RIVER, BAYOU VEZPIQUE AND BAYOU DES CANNES, LA.					1,410
TOTAL, SHIPPING AREA					4,559

WATERBORNE COMMERCE OF THE UNITED STATES, 1980

TABLE 5--DOMESTIC INLAND MOVEMENTS OF IRON AND STEEL--CONTINUE
SHIPPING AREA BY RECEIVING AREACALENDAR YEAR 1980
(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	PIG IRON (CODE 3311)	IRON AND STEEL SCRAP (CODE 4011)	IRON AND STEEL SEMIFINISHED PRODUCTS (CODE 3314)	IRON AND STEEL FINISHED PRODUCTS (CODES 3315, 3316, 3319)	IRON AND STEEL PIPE AND TUBE (CODE 3317)
BAYOU VERMILION, LA./ GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.					7,739
ATCHAFALAYA RIVER, LA.					50
INLAND WATERWAY, FRANKLIN TO HERMENTAU RIVER, LA.					865
HERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.					910
CALCASIEU RIVER AND PASS, LA.					1,090
GALVESTON BAY, TEXAS		1,581			
TOTAL, SHIPPING AREA		1,581			10,634
HERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA./ GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.					570
INLAND WATERWAY, FRANKLIN TO HERMENTAU RIVER, LA.					1,025
BAYOU VERMILION, LA.					500
HERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.					100
CALCASIEU RIVER AND PASS, LA.					3,599
TOTAL, SHIPPING AREA					5,794
CALCASIEU RIVER AND PASS, LA./ GULF OF MEXICO					9,422
HERMENTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.					821
CALCASIEU RIVER AND PASS, LA.					170
GALVESTON BAY, TEXAS			4,448		
TENNESSEE RIVER, TENN., ALA. AND KY.	1,642			1,604	
TOTAL, SHIPPING AREA	1,642		4,448	1,604	10,413
SABINE-NECHES WATERWAY, TEXAS/ GULF OF MEXICO					5,860
SABINE-NECHES WATERWAY, TEXAS		1,290			
GULF INTRACOASTAL WATERWAY: SABINE RIVER TO GALVESTON, TEXAS					150
GALVESTON BAY, TEXAS		1,445			
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES		1,621		295	800
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.				12,723	
ARKANSAS RIVER, ARK.				1,599	
WOLF RIVER, TENN.				6,358	
TENNESSEE RIVER, TENN., ALA. AND KY.				4,400	1,200
CUMBERLAND RIVER, TENN. AND KY.				24,075	
MONONGAHELA RIVER, PA. AND W.VA.				3,388	
PORT OF CHICAGO, ILL.				7,031	
TOTAL, SHIPPING AREA		4,316		59,889	8,010
GULF INTRACOASTAL WATERWAY: SABINE RIVER TO GALVESTON, TEXAS/ GALVESTON BAY, TEXAS					200
WOLF RIVER, TENN.		1,421			
TOTAL, SHIPPING AREA		1,421			200
GALVESTON BAY, TEXAS/ GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA., APALACHEE, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.				1,000	480
WARRIOR RIVER SYSTEM				5,965	
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.				39,657	
PEARL RIVER, MISS. AND LA.					7,007
INNERHARBOR NAVIGATION CANAL, LA.		1,200		1,400	
LAKE PONTCHARTRAIN, LA.				31,939	
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.			1,200	111,152	9,197
ATCHAFALAYA RIVER, LA.				1,833	
GULF INTRACOASTAL WATERWAY: SABINE RIVER TO GALVESTON, TEXAS					120
GALVESTON BAY, TEXAS	4,712	6,695	19,812	49,313	58,115
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS				662	
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER		1,290	687	26,020	18,613
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES		4,036	1,642	26,777	23,969
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		1,267		8,910	1,300
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.				9,204	17,324
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER				2,121	
ARKANSAS RIVER, ARK.				2,784	
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE				3,261	1,300
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH			1,700	800	
TENNESSEE RIVER, TENN., ALA. AND KY.				997	
MISSOURI RIVER				1,200	800
PORT OF CHICAGO, ILL.					
TOTAL, SHIPPING AREA	4,712	14,498	25,041	320,995	138,145
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS/ GALVESTON BAY, TEXAS					218
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS		1			14,243
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER					38,048
TOTAL, SHIPPING AREA			1		44,521

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 5--DOMESTIC INLAND MOVEMENTS OF IRON AND STEEL--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	PIG IRON (CODE 3311)	IRON AND STEEL SCRAP (CODE 4011)	IRON AND STEEL SEMI-FINISHED PRODUCTS (CODE 3314)	IRON AND STEEL FINISHED PRODUCTS (CODES 3315, 3316, 3319)	IRON AND STEEL PIPE AND TUBE (CODE 3317)
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER/ SABINE-NECHES WATERWAY, TEXAS		1,144			
GALVESTON BAY, TEXAS	1,100				
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS					1,653
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER- PORT OF CHICAGO, ILL.					1,104
					1,350
TOTAL, SHIPPING AREA	1,100	1,144			4,107
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES/ GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA.			1,005	15,442	402
GULF OF MEXICO		30			2,109
WARRIOR RIVER SYSTEM	4,550		12,486	24,008	1,000
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.		1,103		1,229	
INNERHARBOR NAVIGATION CANAL, LA.				5,004	
LAKE PONTCHARTRAIN, LA.			4,402	2,060	
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.	8	76	4	11,520	94,020
ATCHAFALAYA RIVER, LA.				2,204	2,620
HERNIMTAU RIVER, BAYOU NEZPIQUE AND BAYOU DES CANNES, LA.					2,952
SABINE-NECHES WATERWAY, TEXAS				738	
GALVESTON BAY, TEXAS		6,711	5,791	23,429	4,014
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER		500			
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES				5,337	2,774
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		2,838	560	39,969	
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.			6,283	35,215	2,905
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER			8,214	27,903	9,013
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER			3,635	25,509	3,197
YAZOO RIVER AND MOUTH, MISS.			9,250	3,709	
ARKANSAS RIVER, ARK.	688		11,119	99,591	40,557
WOLF RIVER, TENN.			15,648	40,205	4,278
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	368		10,392	84,791	5,937
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON			1,602	7,603	5,971
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH		1,568	2,983	14,378	10,313
TENNESSEE RIVER, TENN., ALA. AND KY.			768	3,353	
CUMBERLAND RIVER, TENN. AND KY.		1,708	7,322	76,592	608
KANAWHA RIVER, W.VA.				2,322	827
MONONGAHELA RIVER, PA. AND W.VA.		2,800			
ALLEGHENY RIVER, PA.		1,005			
MISSOURI RIVER				4,299	
ILLINOIS RIVER, ILL.		1,202		26,009	3,561
LAKE MICHIGAN			2,800	19,397	3,279
PORT OF CHICAGO, ILL.			14,056	103,342	34,340
TOTAL, SHIPPING AREA	5,614	18,518	119,511	789,126	235,477
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA./ GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA.			7,431	4,647	403
WARRIOR RIVER SYSTEM			12,434	12,188	
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.			863	10,602	
INNERHARBOR NAVIGATION CANAL, LA.		23,900			1,000
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.					1,370
ATCHAFALAYA RIVER, LA.					629
BAYOU VERMILION, LA.					
CALCASTEU RIVER AND PASS, LA.				1,830	2,701
SABINE-NECHES WATERWAY, TEXAS		3,089			
GULF INTRACOASTAL WATERWAY: SABINE RIVER TO GALVESTON, TEXAS		7,200			
GALVESTON BAY, TEXAS	1,620	3,940	24,266	68,116	57,388
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES			1,437		2,800
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		1,250	350		
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.			3,959	1,934	
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER			1,259	407	
YAZOO RIVER AND MOUTH, MISS.				2,215	
ARKANSAS RIVER, ARK.		3,901		2,946	
WOLF RIVER, TENN.				1,365	405
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	1,620		2,567	2,120	
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON				2,726	1,084
TENNESSEE RIVER, TENN., ALA. AND KY.				677	
CUMBERLAND RIVER, TENN. AND KY.		2,804	1,126	1,962	
MISSOURI RIVER				1,202	
ILLINOIS RIVER, ILL.			2,547	1,613	
LAKE MICHIGAN	4,074				
PORT OF CHICAGO, ILL.			890	351	
TOTAL, SHIPPING AREA	9,314	46,084	59,122	126,480	67,780
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA./ INNERHARBOR NAVIGATION CANAL, LA.		2,937			600
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.				233	
SABINE-NECHES WATERWAY, TEXAS		17,616			
GALVESTON BAY, TEXAS		41,576			
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER		5,671			
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES		10,032		1,773	

WATERBORNE COMMERCE OF THE UNITED STATES, 1980

TABLE 5--DOMESTIC INLAND MOVEMENTS OF IRON AND STEEL--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	PIG IRON (CODE 3311)	IRON AND STEEL SCRAP (CODE 4011)	IRON AND STEEL SEMIFINISHED PRODUCTS (CODE 3314)	IRON AND STEEL FINISHED PRODUCTS (CODES 3315, 3316, 3319)	IRON AND STEEL PIPE AND TUBE (CODE 3317)
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		20,438		3,012	
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.			1,806	566	
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	11,658				
YAZOO RIVER AND MOUTH, MISS.				441	
WOLF RIVER, TENN.			1,931	1,044	
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE				1,100	
PORT OF CHICAGO, ILL.				1,435	
TOTAL, SHIPPING AREA		109,928	3,737	9,604	600
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER/ GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.				1,000	
SABINE-NECHES WATERWAY, TEXAS	34,705				
GALVESTON BAY, TEXAS	22,017			79,284	
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	2,849		2,590	45,492	
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	9,891			7,102	
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	56,248			2,425	
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.				46,514	
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER				3,550	
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER			563	5,681	
ARKANSAS RIVER, ARK.				2,283	
WOLF RIVER, TENN.			1,000	6,594	
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE		896		663	
TENNESSEE RIVER, TENN., ALA. AND KY.				2,927	
CUMBERLAND RIVER, TENN. AND KY.				1,648	
MONONGAHELA RIVER, PA. AND W.VA.	4,290				
MISSOURI RIVER	10,143		828	807	
ILLINOIS RIVER, ILL.	17,016		2,145		
PORT OF CHICAGO, ILL.				729	
TOTAL, SHIPPING AREA		158,035	7,126	286,279	
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER/ SABINE-NECHES WATERWAY, TEXAS	3,631				
GALVESTON BAY, TEXAS	5,091				
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	2,491				
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES			34,937		
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.			1,400		
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	642			130	2,649
ARKANSAS RIVER, ARK.				810	
WOLF RIVER, TENN.				802	
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH		1,254			
TENNESSEE RIVER, TENN., ALA. AND KY.	2,002				
ILLINOIS RIVER, ILL.				200	
TOTAL, SHIPPING AREA	2,002	13,109	36,337	1,942	2,649
YAZOO RIVER AND MOUTH, MISS./ SABINE-NECHES WATERWAY, TEXAS		1,513			
GALVESTON BAY, TEXAS		1,251			
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES		1,512			
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE				365	
PORT OF CHICAGO, ILL.			1,446		
TOTAL, SHIPPING AREA		4,276	1,446	365	
ARKANSAS RIVER, ARK./ SABINE-NECHES WATERWAY, TEXAS		9,900			
GALVESTON BAY, TEXAS		9,674			
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER		2,676			
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		15,614			
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.				987	
ARKANSAS RIVER, ARK.				4,275	242
WOLF RIVER, TENN.			427		
ALLEGHENY RIVER, PA.	1,142				
ILLINOIS RIVER, ILL.	1,666				
TOTAL, SHIPPING AREA		40,672	427	5,262	242
WOLF RIVER, TENN./ INNERHARBOR NAVIGATION CANAL, LA.		6,798			
SABINE-NECHES WATERWAY, TEXAS		11,806			
GALVESTON BAY, TEXAS		24,079		1,481	
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER		5,400		1,000	
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES		1,110			
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		35,542	1,931		
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.				892	
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		15,529			
YAZOO RIVER AND MOUTH, MISS.				381	
CUMBERLAND RIVER, TENN. AND KY.				1,068	350
MONONGAHELA RIVER, PA. AND W.VA.		1,182			
AL. OHENY RIVER, PA.		5,623			
TOTAL, SHIPPING AREA		107,129	1,931	4,822	350

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 5--DOMESTIC INLAND MOVEMENTS OF IRON AND STEEL--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1960

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	PIG IRON (CODE 3311)	IRON AND STEEL SCRAP (CODE 4011)	IRON AND STEEL SEMIFINISHED PRODUCTS (CODE 3314)	IRON AND STEEL FINISHED PRODUCTS (CODES 3315, 3316, 3319)	IRON AND STEEL PIPE AND TUBE (CODE 3317)
OHIO RIVER; ENGINEER DISTRICT, LOUISVILLE/ INNERHARBOR NAVIGATION CANAL, LA.		3,032			
SABINE-NECHES WATERWAY, TEXAS		19,071			
GALVESTON BAY, TEXAS		86,419		28,452	
GULF INTRACASTAL WATERWAY; CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER		3,112			
MISSISSIPPI RIVER; NEW ORLEANS, LA., TO MOUTH OF PASSES		15,504	1,901	3,430	
MISSISSIPPI RIVER; BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		52,775		1,633	
MISSISSIPPI RIVER; MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.				981	
MISSISSIPPI RIVER; MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER				12,066	
ARKANSAS RIVER, ARK.		1,740		3,973	
WOLF RIVER, TENN.				1,164	
OHIO RIVER; ENGINEER DISTRICT, LOUISVILLE		1,251	488	13,242	
OHIO RIVER; ENGINEER DISTRICT, HUNTINGTON		7,399	660		
OHIO RIVER; ENGINEER DISTRICT, PITTSBURGH		28,406			
TENNESSEE RIVER, TENN., ALA. AND KY.		4,045		743	
CUMBERLAND RIVER, TENN. AND KY.				1,350	
MONONGAHELA RIVER, PA. AND W.VA.		50,485			
ALLEGHENY RIVER, PA.		36,334			
MISSOURI RIVER				3,384	
ILLINOIS RIVER, ILL.		3,037			
LAKE MICHIGAN		7,217			
PORT OF CHICAGO, ILL.		1,364			
TOTAL, SHIPPING AREA		321,199	3,049	70,418	
OHIO RIVER; ENGINEER DISTRICT, HUNTINGTON/ GALVESTON BAY, TEXAS		5,591	56,489	67,094	
GULF INTRACASTAL WATERWAY; CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER		1,401	20,360		
MISSISSIPPI RIVER; NEW ORLEANS, LA., TO MOUTH OF PASSES		1,244	32,739	1,350	71
MISSISSIPPI RIVER; BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.				1,516	
MISSISSIPPI RIVER; MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.					600
MISSISSIPPI RIVER; MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER				2,486	
MISSISSIPPI RIVER; MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER				4,294	
ARKANSAS RIVER, ARK.			1,025	5,554	
WOLF RIVER, TENN.				13,488	
OHIO RIVER; ENGINEER DISTRICT, LOUISVILLE			1,301	6,359	
OHIO RIVER; ENGINEER DISTRICT, HUNTINGTON				44	
OHIO RIVER; ENGINEER DISTRICT, PITTSBURGH		1,418	34,747	193	
MONONGAHELA RIVER, PA. AND W.VA.		2,900			
ALLEGHENY RIVER, PA.		2,682			
MISSOURI RIVER			3,040	12,470	
PORT OF CHICAGO, ILL.		1,471		1,269	
TOTAL, SHIPPING AREA	1,471	15,236	149,771	111,426	671
OHIO RIVER; ENGINEER DISTRICT, PITTSBURGH/ WARRIOR RIVER SYSTEM				3,963	
GULF INTRACASTAL WATERWAY; MOBILE BAY, ALA., TO NEW ORLEANS, LA.		1,523			
INNERHARBOR NAVIGATION CANAL, LA.		1,195			
GULF INTRACASTAL WATERWAY; MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.				250	42,860
ATCHAFALAYA RIVER, LA.					3,236
SABINE-NECHES WATERWAY, TEXAS				3,990	1,200
GALVESTON BAY, TEXAS			9,247	73,171	105,664
GULF INTRACASTAL WATERWAY; GALVESTON TO CORPUS CHRISTI, TEXAS				1,510	1,484
GULF INTRACASTAL WATERWAY; CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER		3,989			
MISSISSIPPI RIVER; NEW ORLEANS, LA., TO MOUTH OF PASSES		6,778	7,369	33,541	6,016
MISSISSIPPI RIVER; BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		3,227		2,722	
MISSISSIPPI RIVER; MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.				26,921	7,782
MISSISSIPPI RIVER; MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER			1,354	23,865	967
MISSISSIPPI RIVER; MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER				19,147	1,656
YAZOO RIVER AND MOUTH, MISS.				1,236	
ARKANSAS RIVER, ARK.			1,048	54,602	13,524
WOLF RIVER, TENN.			1,369	43,985	
OHIO RIVER; ENGINEER DISTRICT, LOUISVILLE	24,524		3,880	84,895	1,399
OHIO RIVER; ENGINEER DISTRICT, HUNTINGTON	4,343	3,030		4,544	5,970
OHIO RIVER; ENGINEER DISTRICT, PITTSBURGH		3,040	4,748	4,767	
TENNESSEE RIVER, TENN., ALA. AND KY.				47,841	2,859
CUMBERLAND RIVER, TENN. AND KY.			247	20,903	
MONONGAHELA RIVER, PA. AND W.VA.		3,959		2,761	
ALLEGHENY RIVER, PA.		138		1,436	
MISSOURI RIVER			1,254	12,094	
MINNESOTA RIVER, MINN.				2,513	
LAKE MICHIGAN			1,427	3,736	
PORT OF CHICAGO, ILL.				8,724	
TOTAL, SHIPPING AREA	34,867	26,770	32,011	585,401	194,617
TENNESSEE RIVER, TENN., ALA. AND KY./ WARRIOR RIVER SYSTEM					75
INNERHARBOR NAVIGATION CANAL, LA.				275	
CALCASIEU RIVER AND PASS, LA.		3,433			
GULF INTRACASTAL WATERWAY; CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER		3,017			
MISSISSIPPI RIVER; NEW ORLEANS, LA., TO MOUTH OF PASSES				135	
MISSISSIPPI RIVER; MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	2,005				
MISSISSIPPI RIVER; MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	1,490			135	1,000

WATERBORNE COMMERCE OF THE UNITED STATES, 1980

TABLE 5--DOMESTIC INLAND MOVEMENTS OF IRON AND STEEL--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	PIG IRON (CODE 3311)	IRON AND STEEL SCRAP (CODE 4011)	IRON AND STEEL SEMI-FINISHED PRODUCTS (CODE 3314)	IRON AND STEEL FINISHED PRODUCTS (CODES 3315, 3316, 3319)	IRON AND STEEL PIPE AND TUBE (CODE 3317)
OHIO RIVER ENGINEER DISTRICT, LOUISVILLE	956				
OHIO RIVER ENGINEER DISTRICT, PITTSBURGH					1,046
TENNESSEE RIVER, TENN., ALA. AND KY.			1,350	250	
CUMBERLAND RIVER, TENN. AND KY.				75	
GREEN AND BARRETT RIVERS, KY.					150
HONONGAMELA RIVER, PA. AND W.VA.		1,569			2,244
MINNESOTA RIVER, MINN.					8,073
LAKE MICHIGAN	1,697				
TOTAL, SHIPPING AREA	6,357	8,019	1,350	870	12,588
CUMBERLAND RIVER, TENN. AND KY. /					
SABINE-NECHES WATERWAY, TEXAS		29,130			
GALVESTON BAY, TEXAS		9,904			
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER		4,630			
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES		16,383			
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		1,455			
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER		1,488			
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		4,771			
OHIO RIVER ENGINEER DISTRICT, PITTSBURGH		2,371			
TENNESSEE RIVER, TENN., ALA. AND KY.				125	
HONONGAMELA RIVER, PA. AND W.VA.		10,488		1,426	
ALLEGHENY RIVER, PA.		10,711			
LAKE MICHIGAN		4,295			
PORT OF CHICAGO, ILL.		7,655			
TOTAL, SHIPPING AREA		98,116		1,551	
KANAWHA RIVER, W.VA. /					
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		1,255			
OHIO RIVER ENGINEER DISTRICT, HUNTINGTON					215
OHIO RIVER ENGINEER DISTRICT, PITTSBURGH		13,188			110
TENNESSEE RIVER, TENN., ALA. AND KY.		1,350			
KANAWHA RIVER, W.VA.					22
ALLEGHENY RIVER, PA.		2,508			
TOTAL, SHIPPING AREA		18,242		347	
HONONGAMELA RIVER, PA. AND W.VA. /					
WARRIOR RIVER SYSTEM				4,996	
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.		1,246			
INNERHARBOR NAVIGATION CANAL, LA.		35,017		1,952	1,427
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.				5,381	65,458
RED RIVER BELOW FULTON, ARK.				1,077	
SABINE-NECHES WATERWAY, TEXAS				1,196	
GALVESTON BAY, TEXAS		43,783	1,721	40,113	141,732
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER		1,510			
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES		10,431	1,319	27,126	11,339
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.			1,027	2,314	1,357
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.				5,095	
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER			316	5,086	
ARKANSAS RIVER, ARK.				25,114	
WOLF RIVER, TENN.			1,432	14,038	
OHIO RIVER ENGINEER DISTRICT, LOUISVILLE		2,688	4,333	258,382	4,377
OHIO RIVER ENGINEER DISTRICT, HUNTINGTON				2,369	
OHIO RIVER ENGINEER DISTRICT, PITTSBURGH		1,381	184,894	13,447	28
TENNESSEE RIVER, TENN., ALA. AND KY.			889	6,002	
CUMBERLAND RIVER, TENN. AND KY.			970	14,280	
KANAWHA RIVER, W.VA.				3,216	
HONONGAMELA RIVER, PA. AND W.VA.				944	
LAKE MICHIGAN				2,188	
PORT OF CHICAGO, ILL.				1,408	
TOTAL, SHIPPING AREA		95,948	194,842	436,696	229,718
ALLEGHENY RIVER, PA. /					
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		1,183			
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.				1,288	
OHIO RIVER ENGINEER DISTRICT, LOUISVILLE		1,250			
OHIO RIVER ENGINEER DISTRICT, PITTSBURGH				90	
HONONGAMELA RIVER, PA. AND W.VA.		634			
TOTAL, SHIPPING AREA		3,167		1,378	
MISSOURI RIVER /					
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES			12,357	14,784	
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.				1,161	
TOTAL, SHIPPING AREA			12,357	15,945	
ILLINOIS RIVER, ILL. /					
INNERHARBOR NAVIGATION CANAL, LA.		1,588	1,120		

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 5--DOMESTIC INLAND MOVEMENTS OF IRON AND STEEL--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	PIG IRON (CODE 3311)	IRON AND STEEL SCRAP (CODE 4011)	IRON AND STEEL SEMIFINISHED PRODUCTS (CODE 3314)	IRON AND STEEL FINISHED PRODUCTS (CODES 3315, 3316, 3319)	IRON AND STEEL PIPE AND TUBE (CODE 3317)
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.				1,097	
SABINE-NECHES WATERWAY, TEXAS	4,799			1,547	
GALVESTON BAY, TEXAS	5,139		15,222	11,282	
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	1,238		23,825	1,441	
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	1,243		53,135	20,922	
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	3,897				
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.			4,374	2,034	
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER				11,056	
YAZOO RIVER AND MOUTH, MISS.				1,204	
WOLF RIVER, TENN.			3,146	14,024	
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	1,027			25,292	
TENNESSEE RIVER, TENN., ALA. AND KY.			1,184	9,940	
CUMBERLAND RIVER, TENN. AND KY.			1,779	14,525	
ILLINOIS RIVER, ILL.			320	1,463	
PORT OF CHICAGO, ILL.	1,257			1,070	
TOTAL, SHIPPING AREA	20,106		104,178	117,297	
LAKE MICHIGAN/ WARRIOR RIVER SYSTEM				4,716	
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.	3,763			8,329	1,000
INNERHARBOR NAVIGATION CANAL, LA.	16,294			9,021	
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.				18,411	
SABINE-NECHES WATERWAY, TEXAS	5,160		1,712	32,103	1,187
GALVESTON BAY, TEXAS	24,001		17,339	142,047	1,736
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS					2,709
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	1,485		1,474	1,837	
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	10,291		25,314	74,417	
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	19,872		1,470	10,541	
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.			894	23,592	
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER			2,060	71,769	
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER				52,717	
YAZOO RIVER AND MOUTH, MISS.				1,328	
ARKANSAS RIVER, ARK.	7,043	1,358	2,335	73,378	
WOLF RIVER, TENN.			1,613	46,911	
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE		1,400	1,146	79,047	
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH		13,776		1,580	
TENNESSEE RIVER, TENN., ALA. AND KY.		11,305	1,497	77,240	
CUMBERLAND RIVER, TENN. AND KY.				62,220	
HONONGAMELA RIVER, PA. AND W.VA.		25,280			
MISSOURI RIVER		1,215	6,377	5,174	
ILLINOIS RIVER, ILL.	1,115			40,624	800
MINNESOTA RIVER, MINN.				8,524	
LAKE MICHIGAN				11,967	
TOTAL, SHIPPING AREA	4,158	147,167	63,105	845,933	7,432
PORT OF CHICAGO, ILL./ WARRIOR RIVER SYSTEM					
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.	1,251				
INNERHARBOR NAVIGATION CANAL, LA.	6,422			5,271	
LAKE PONTCHARTRAIN, LA.	3,033			2,447	
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.					
RED RIVER BELOW FULTON, ARK.	1,144			6,844	1,400
SABINE-NECHES WATERWAY, TEXAS			1,000	3,600	
GALVESTON BAY, TEXAS	96,249			4,342	
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	110,802		14,835	55,178	4,565
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	56,652			5,710	
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	24,754		6,424	50,944	
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	24,932			1,369	
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER				4,200	
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	2,945		1,070	21,632	
YAZOO RIVER AND MOUTH, MISS.	22,394			11,206	
ARKANSAS RIVER, ARK.			5,059	20,308	
WOLF RIVER, TENN.	858		7,292	9,594	
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE			1,253	4,384	
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH	10,520				
TENNESSEE RIVER, TENN., ALA. AND KY.	24,279		3,241	44,674	830
CUMBERLAND RIVER, TENN. AND KY.				8,881	
MISSOURI RIVER	8,898		851	1,840	
ILLINOIS RIVER, ILL.	94,243			3,421	
PORT OF CHICAGO, ILL.	13,280			4,659	
TOTAL, SHIPPING AREA		503,015	41,655	249,404	6,795
COLUMBIA RIVER: LA ROUVER, WASH., TO THE MOUTH/ WILLAMETTE AND YAMHILL RIVERS, OREG.				150	
WILLAMETTE AND YAMHILL RIVERS, OREG./ WILLAMETTE AND YAMHILL RIVERS, OREG.		700		1,200	

WATERBORNE COMMERCE OF THE UNITED STATES, 1980

TABLE 5--DOMESTIC INLAND MOVEMENTS OF IRON AND STEEL--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	PIC IRON (CODE 3311)	IRON AND STEEL SCRAP (CODE 4011)	IRON AND STEEL SEMIFINISHED PRODUCTS (CODE 3314)	IRON AND STEEL FINISHED PRODUCTS (CODES 3315, 3316, 3319)	IRON AND STEEL PIPE AND TUBE (CODE 3317)
PUGET SOUND AND TRIBUTARY WATERS/ PUGET SOUND AND TRIBUTARY WATERS				5,320	2,250
SOUTHEASTERN ALASKA/ SOUTHEASTERN ALASKA		500			

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 6--DOMESTIC INLAND MOVEMENTS OF CHEMICALS AND RELATED PRODUCTS
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	COAL TAR (CODE 2411)	BENZENE AND TOLLENE (CODE 2817)	SULPHURIC ACID (CODE 2818)	ALCOHOLS (CODE 2813)	SODIUM HYDROXIDE (CAUSTIC SODA) (CODE 2810)	CHEMICALS AND CHEMICAL SPECIALTIES (CODES 2816, 2819, 2821, 2876)	FERTILIZERS AND FERTILIZER MATERIALS (CODES 1471, 1479, 2871, 2872, 2873, 2879)
TOTAL, ALL SHIPPING AREAS-----	1,343,495	3,438,349	2,723,283	2,394,883	3,391,667	17,527,715	9,240,973
PORT OF NEW YORK, N.Y., AND N.J./ PORT OF NEW YORK, N.Y., AND N.J./ UPPER HUDSON RIVER, N.Y.,-----	1,359	1,217 1,382	13,542	5,006	122,679	8,169	-----
TOTAL, SHIPPING AREA-----	1,359	2,592	13,542	5,006	122,679	8,169	-----
DELAWARE RIVER: NEW JERSEY SIDE/ DELAWARE RIVER: NEW JERSEY SIDE-----	-----	16,486	3,793	-----	-----	9,923	-----
DELAWARE RIVER: PENNSYLVANIA AND DELAWARE SIDE-----	-----	-----	22,700	-----	-----	11,120	-----
CHRISTINA RIVER, DEL./ SCHUYLKILL RIVER, PA.,-----	-----	1,641	-----	-----	-----	5,290	-----
BALTIMORE HARBOR AND CHANNELS, MD./ HAMPTON ROADS, VA.,-----	-----	1,641	51,430	-----	-----	-----	-----
TOTAL, SHIPPING AREA-----	-----	20,169	99,823	-----	-----	26,333	-----
DELAWARE RIVER: PENNSYLVANIA AND DELAWARE SIDE/ DELAWARE RIVER: NEW JERSEY SIDE-----	-----	31,011	3,573	2,054	-----	-----	-----
DELAWARE RIVER: PENNSYLVANIA AND DELAWARE SIDE-----	-----	3,714	-----	-----	-----	62,474	-----
BIG TIMBER CREEK, N.J.,-----	-----	-----	127,779	-----	-----	-----	-----
SCHUYLKILL RIVER, PA.,-----	-----	11,04	-----	-----	-----	61,225	-----
CHESAPEAKE BAY,-----	669	689	-----	-----	-----	-----	-----
BALTIMORE HARBOR AND CHANNELS, MD.,-----	-----	9,222	70,652	-----	-----	-----	-----
YORK RIVER, VA.,-----	-----	12,22	-----	-----	-----	6,370	-----
JAMES RIVER, VA.,-----	-----	-----	6,840	-----	-----	185,248	-----
HAMPTON ROADS, VA.,-----	-----	-----	33,150	-----	-----	5,700	-----
TOTAL, SHIPPING AREA-----	669	68,276	244,194	2,054	-----	321,917	-----
MASTUA CREEK, N.J./ BALTIMORE HARBOR AND CHANNELS, MD.,-----	-----	-----	3,500	-----	-----	-----	-----
CHRISTINA RIVER, DEL./ DELAWARE RIVER: NEW JERSEY SIDE-----	-----	7,754	-----	-----	-----	1,527	-----
SCHUYLKILL RIVER, PA./ DELAWARE RIVER: PENNSYLVANIA AND DELAWARE SIDE-----	-----	1,615	-----	-----	-----	66,144	-----
SCHUYLKILL RIVER, PA.,-----	-----	1,574	-----	-----	-----	121,604	-----
YORK RIVER, VA.,-----	-----	-----	-----	-----	-----	-----	-----
TOTAL, SHIPPING AREA-----	-----	3,194	-----	-----	-----	197,748	-----
BALTIMORE HARBOR AND CHANNELS, MD./ DELAWARE RIVER: NEW JERSEY SIDE-----	-----	7,362	-----	-----	-----	-----	-----
DELAWARE RIVER: PENNSYLVANIA AND DELAWARE SIDE-----	-----	-----	3,500	-----	-----	4,774	-----
MASTUA CREEK, N.J.,-----	-----	-----	14,500	-----	-----	-----	-----
WISPLION RIVER, DEL.,-----	-----	-----	-----	-----	-----	1,381	-----
CHESAPEAKE BAY,-----	-----	-----	-----	-----	-----	7,056	-----
NANTICOK RIVER, DEL. AND MD.,-----	-----	-----	-----	-----	-----	1,015	-----
BALTIMORE HARBOR AND CHANNELS, MD.,-----	-----	70,79	-----	-----	-----	-----	-----
JAMES RIVER, VA.,-----	-----	7,20	-----	-----	-----	-----	-----
HAMPTON ROADS, VA.,-----	156	1,12	-----	-----	-----	-----	-----
PAMLICO AND TAR RIVERS, N.C.,-----	-----	42,100	-----	-----	-----	-----	-----
TOTAL, SHIPPING AREA-----	156	7,35	44,100	-----	-----	-----	15,026
JAMES RIVER, VA./ DELAWARE RIVER: PENNSYLVANIA AND DELAWARE SIDE-----	-----	-----	1,151	-----	-----	-----	-----
CHRISTINA RIVER, DEL.,-----	-----	-----	-----	-----	-----	11,461	-----
NANTICOK RIVER, DEL. AND MD.,-----	-----	-----	-----	-----	-----	8,700	-----
JAMES RIVER, VA.,-----	-----	-----	-----	-----	-----	1,800	-----
HAMPTON ROADS, VA.,-----	-----	-----	-----	-----	-----	203,775	-----
TOTAL, SHIPPING AREA-----	-----	-----	1,151	-----	-----	-----	225,736
HAMPTON ROADS, VA./ DELAWARE RIVER: PENNSYLVANIA AND DELAWARE SIDE-----	-----	812	-----	-----	-----	-----	21,133
CHESAPEAKE BAY,-----	-----	-----	-----	-----	-----	2,462	-----
NANTICOK RIVER, DEL. AND MD.,-----	-----	-----	-----	-----	-----	11,892	-----
BALTIMORE HARBOR AND CHANNELS, MD.,-----	15	-----	-----	-----	-----	18,069	-----
JAMES RIVER, VA.,-----	-----	-----	-----	-----	-----	11,228	4,864
HAMPTON ROADS, VA.,-----	-----	-----	-----	-----	-----	23,773	8,856
ATLANTIC INTRACASTAL WATERWAY ENGINEER DISTRICT, WILMINGTON,-----	-----	-----	-----	-----	-----	-----	1,827
CARP FEAR RIVER, N.C.,-----	-----	-----	-----	-----	5,569	-----	-----
ST. JOHN RIVER, DEL.,-----	1,500	-----	-----	-----	-----	-----	-----
TOTAL, SHIPPING AREA-----	2,327	-----	-----	-----	5,569	16,981	49,103
ATLANTIC INTRACASTAL WATERWAY ENGINEER DISTRICT, WILMINGTON,-----	-----	-----	-----	-----	-----	-----	1,116
WILMINGTON,-----	-----	-----	-----	-----	2,151	-----	-----
CARP FEAR RIVER, N.C.,-----	-----	-----	-----	-----	-----	-----	1,116
TOTAL, SHIPPING AREA-----	-----	-----	-----	-----	2,151	-----	1,116

WATERBORNE COMMERCE OF THE UNITED STATES, 1980

TABLE 6--DOMESTIC INLAND MOVEMENTS OF CHEMICALS AND RELATED PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	COAL TAR (CODE 2811)	BENZENE AND TOLUENE (CODE 2817)	SULPHURIC ACID (CODE 2818)	ALCOHOLS (CODE 2813)	SODIUM HYDROXIDE (CAUSTIC SODA) (CODE 2810)	CHEMICALS AND CHEMICAL SPECIALTIES (CODES 2816, 2819, 2821, 2876)	FERTILIZERS AND FERTILIZER MATERIALS (CODES 1471, 1472, 2871, 2872, 2873, 2879)
PAMlico AND TAR RIVERS, N.C./ NANTICOKe RIVER, DEL. AND MD. BALTIMORE HARBOR AND CHANNELS, MD. ATLANTIC INTRACASTAL WATERWAY ENGINEER DISTRICT, WILMINGTON							7,300 7,199
TOTAL, SHIPPING AREA							380,126 394,625
CAPE FEAR RIVER, N.C./ HAMPTON ROADS, VA. ATLANTIC INTRACASTAL WATERWAY ENGINEER DISTRICT, WILMINGTON							6,858 1,700
CAPE FEAR RIVER, N.C. NORTHEAST (CAPE FEAR) RIVER, N.C.				27,018 66,027		2,000 313,754	9,853
TOTAL, SHIPPING AREA				88,045		315,754	14,411
SAVANNAH RIVER, GA./ BALTIMORE HARBOR AND CHANNELS, MD. JAMES RIVER, VA. HAMPTON ROADS, VA.							2,128 2,100 1,308
TOTAL, SHIPPING AREA							5,536
ATLANTIC INTRACASTAL WATERWAY ENGINEER DISTRICT, SAVANNAH / SAVANNAH RIVER, GA. ATLANTIC INTRACASTAL WATERWAY ENGINEER DISTRICT, SAVANNAH						1,469 25,200	
TOTAL, SHIPPING AREA					25,200	1,469	
ST. JOHNS RIVER, FLA./ BALTIMORE HARBOR AND CHANNELS, MD.							5,015
GULF INTRACASTAL WATERWAY: APALACHEE RAY, FLA., TO MOBILE BAY, ALA./ APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA. ESCAMBIA AND COLEMAN RIVERS, FLA. AND ALA. GALVESTON BAY, TEXAS MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA. PORT OF CHICAGO, ILL.	829 793	454 1,585				3,595 4,635	4,548
TOTAL, SHIPPING AREA	1,622	2,039		1,350		8,230	4,548
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA./ GULF INTRACASTAL WATERWAY: APALACHEE RAY, FLA., TO MOBILE BAY, ALA. GALVESTON BAY, TEXAS	1,018 1,380	2,035 1,380					
TOTAL, SHIPPING AREA	2,398	3,415					
GULF OF MEXICO/ GULF OF MEXICO GULF INTRACASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA. LAKE POCHOCARTON, LA. GULF INTRACASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX. ATCHAFALAYA RIVER, LA. CALCASIEU RIVER AND PASS, LA. MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSAGE				76 50		38,288 50 15	
TOTAL, SHIPPING AREA				126		49,104	
HARRIS RIVER SYSTEM/ GULF INTRACASTAL WATERWAY: APALACHEE RAY, FLA., TO MOBILE BAY, ALA. APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA. HARRIS RIVER SYSTEM GULF INTRACASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA. CALCASIEU RIVER AND PASS, LA. GALVESTON BAY, TEXAS GULF INTRACASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSAGE MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA. MISSISSIPPI RIVER: MOUTH OF MISSISSIPPI RIVER TO MOUTH OF OHIO RIVER OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE TENNESSEE RIVER, TENN., ALA. AND KY.	2,800 17,030 4,410		3,909 3,972		2,400 29,827 3,605 50,724 3,513	1,611 3,247 1,367	365
TOTAL, SHIPPING AREA		1,400	10,180		7,450	7,966	
					1,200 1,298 2,400		
						5,208 119,085	

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 6--DOMESTIC INLAND MOVEMENTS OF CHEMICALS AND RELATED PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	COAL TAR (CODE 2811)	BENZENE AND TOLUENE (CODE 2817)	SULPHURIC ACID (CODE 2818)	ALCOHOLS (CODE 2813)	SODIUM HYDROXIDE (CAUSTIC SODA) (CODE 2810)	CHEMICALS AND CHEMICAL SPECIALTIES (CODES 2816, 2819, 2821, 2876)	FERTILIZERS AND FERTILIZER MATERIALS (CODES 1471, 1479, 2871, 2872, 2873, 2879)
KANAWHA RIVER, VA.						760	
ALLEGHENY RIVER, PA.						1,400	
MISSOURI RIVER					1,200		
LAKE MICHIGAN					1,200		
PORT OF CHICAGO, ILL.					2,417		
TOTAL, SHIPPING AREA	24,240	1,400	18,081		110,199	147,633	365
GULF INTRACASTAL WATERWAY, MOBILE BAY, ALA., TO NEW ORLEANS, LA. /							
GULF INTRACASTAL WATERWAY, MOBILE BAY, ALA., TO MOBILE BAY, ALA.			2,126			896	4,937
APALACHICOLA RIVER, FLA. TO NEW ORLEANS, LA. AND FLA.						40,750	49,726
ESCAMBIA RIVER, FLA. TO NEW ORLEANS, LA.						15,600	
WARHIO RIVER SYSTEM, ARK. AND LA.							35,113
ALABAMA RIVER, ALA. TO NEW ORLEANS, LA.							35,993
GULF INTRACASTAL WATERWAY, MOBILE BAY, ALA., TO NEW ORLEANS, LA.							77,470
HERBERT RIVER, LA. TO NEW ORLEANS, LA.							50,089
GULF INTRACASTAL WATERWAY, GALVESTON, TEX., TO GALVESTON, TEX.							2,140
GALVESTON HARBOR, TEX.						2,500	31,090
GULF INTRACASTAL WATERWAY, GALVESTON, TEX., TO CHRISTIE, TEX.						2,857	39,579
GULF INTRACASTAL WATERWAY, GALVESTON, TEX., TO THE MEXICAN BORDER							15,563
MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASADENA						8,591	
MISSISSIPPI RIVER, BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.						14,194	5,849
MISSISSIPPI RIVER, MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.						2,350	130,684
MISSISSIPPI RIVER, MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER						22,500	
MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER						19,000	6,222
YAZOO RIVER AND MOUTH, MISS.							56,252
ARKANSAS RIVER, ARK.							82,973
WHITE RIVER, ARK.							16,637
OHIO RIVER, ENGINEER DISTRICT, LOUISVILLE						33,848	6,614
TENNESSEE RIVER, TENN., ALA. AND KY.							60,974
CUMBERLAND RIVER, TENN. AND KY.						55,943	
GREEN AND HARBOR RIVERS, KY.						16,545	
ILLINOIS RIVER, ILL.						12,500	
TOTAL, SHIPPING AREA			2,126			257,074	707,942
INNERHARBOR NAVIGATION CANAL, LA. /							
GULF INTRACASTAL WATERWAY, MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.						50	
LAKE PONTCHARTRAIN, LA. /							
GULF OF MEXICO						568	
GULF INTRACASTAL WATERWAY, MOBILE BAY, ALA., TO NEW ORLEANS, LA.						24	
INNERHARBOR NAVIGATION CANAL, LA.						17	
LAKE PONTCHARTRAIN, LA.						928	
TOTAL, SHIPPING AREA						1,432	
GULF INTRACASTAL WATERWAY, MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX. /							
GULF INTRACASTAL WATERWAY, APALACHICOLA RIVER, FLA., TO MOBILE BAY, ALA.						12,181	
GULF OF MEXICO				75		27,188	
WARHIO RIVER SYSTEM						20,151	
GULF INTRACASTAL WATERWAY, MOBILE BAY, ALA., TO NEW ORLEANS, LA.						284	
GULF INTRACASTAL WATERWAY, MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.						4,009	
SABINE-NECHES WATERWAY, TEXAS	681	1,400				14,891	
GULF INTRACASTAL WATERWAY, GALVESTON, TEX., TO CHRISTIE, TEX.						3,272	
MISSISSIPPI RIVER, NEW ORLEANS, LA., TO MOUTH OF PASADENA	947			618		1,738	
MISSISSIPPI RIVER, MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER						4,772	3,279
PORT OF CHICAGO, ILL.				2,811		19,526	
TOTAL, SHIPPING AREA	1,528	1,400		3,504		108,212	3,279
ATCHAFALAYA RIVER, LA. /							
GULF OF MEXICO						1,573	
OUCHITA AND BLACK RIVERS, ARK. AND LA. /							
WARHIO RIVER SYSTEM				1,350			

WATERBORNE COMMERCE OF THE UNITED STATES, 1980

TABLE 6--DOMESTIC INLAND MOVEMENTS OF CHEMICALS AND RELATED PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	COAL TAR (CODE 2811)	BENZENE AND TOLUENE (CODE 2817)	SULPHURIC ACID (CODE 2818)	ALCOHOLS (CODE 2813)	SODIUM HYDROXIDE (CAUSTIC SODA) (CODE 2810)	CHEMICALS AND CHEMICAL SPECIALTIES (CODES 2816, 2819, 2821, 2876)	FERTILIZERS AND FERTILIZER MATERIALS (CODES 1471, 1479, 2871, 2872, 2873, 2879)
GULF INTRACASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS	182	4,290					
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSAGE		1,400				1,408	
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		9,933				19,600	
ILLINOIS RIVER, ILL.							
TOTAL, SHIPPING AREA	182	15,534		1,350		21,008	
INLAND WATERWAY, FRANKLIN TO HERMENTAU RIVER, LA. / GULF INTRACASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.						50	
INLAND WATERWAY, FRANKLIN TO HERMENTAU RIVER, LA.						719	
TOTAL, SHIPPING AREA						769	
RAYOU VERMILION, LA. / LAKE PONCHARTRAIN, LA.						2	
GULF INTRACASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.						3,142	
INLAND WATERWAY, FRANKLIN TO HERMENTAU RIVER, LA.						84	
TOTAL, SHIPPING AREA						3,228	
CALCASIEU RIVER AND PASS, LA. / GULF INTRACASTAL WATERWAY: APALACHEE RAY, FLA., TO MOBILE BAY, ALA.					2,474		
GULF OF MEXICO WARRIOR RIVER SYSTEM					116,796	5,578	2,411
GULF INTRACASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.		4,308			7,160		
CALCASIEU RIVER AND PASS, LA.				1,923	17,427		
SABINE-NECHES WATERWAY, TEXAS		28,168			12,340	48,846	
GALVESTON BAY, TEXAS		1,444		12,696	69,205	86,950	
GULF INTRACASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS		4,323			105,195		
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSAGE						3,120	
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		10,684			24,522	14,330	6,908
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.					36,220	10,523	
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER				3,131	55,025	1,336	
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER				1,645	16,583		
ARKANSAS RIVER, ARK.					38,978		4,299
OHIO RIVER, TENN.						1,305	
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE					1,353	15,074	1,454
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON						18,035	3,048
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH				1,900	1,357	4,009	
KANAWHA RIVER, W. VA.						1,977	
ALLEGHENY RIVER, PA.				5,461		3,575	
MISSOURI RIVER				1,435			
ILLINOIS RIVER, ILL.				1,704		33,504	1,575
PORT OF CHICAGO, ILL.				8,422	38,306	29,032	
TOTAL, SHIPPING AREA		48,331		40,315	347,936	281,494	19,695
SABINE-NECHES WATERWAY, TEXAS / APALACHEE RIVER, FLA. AND FLINT RIVERS, GA. AND FLA.						8,872	4,078
ESCAMBIA AND CHOCCHO RIVERS, FLA. AND ALA.						2,494	
GULF OF MEXICO WARRIOR RIVER SYSTEM		7,385					
GULF INTRACASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.							5,965
CALCASIEU RIVER AND PASS, LA.				19,973			
SABINE-NECHES WATERWAY, TEXAS	4,412	62,853		119,672		10,459	
GALVESTON BAY, TEXAS	12,322	172,288	7,237	99,527		189,293	
GULF INTRACASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS		22,147	4,721	1,434		129,780	
GULF INTRACASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER		6,173				5,497	
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSAGE		6,985		7,274		3,568	
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		85,584		4,160		3,043	
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.				9,770		1,400	
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER		2,501		1,890			
OHIO RIVER, TENN.		1,120		3,511		2,350	
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE		2,382		22,904		12,430	
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON						4,363	
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH				2,839		4,926	
CUMBERLAND RIVER, TENN. AND KY.				4,656			
KANAWHA RIVER, W. VA.				89,804		3,260	
ALLEGHENY RIVER, PA.	2,662			13,179		32,429	

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 6--DOMESTIC INLAND MOVEMENTS OF CHEMICALS AND RELATED PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	COAL TARI (CODE 2811)	BENZENE AND TOLUENE (CODE 2817)	SULFURIC ACID (CODE 2818)	ALCOHOLS (CODE 2813)	SODIUM HYDROXIDE (CAUSTIC SODA) (CODE 2817)	CHEMICALS AND CHEMICAL SPECIALTIES (CODES 2816, 2819, 2821, 2876)	FERTILIZERS AND FERTILIZER MATERIALS (CODES 1471, 1479, 2471, 2472, 2873, 2879)
ILLINOIS RIVER, ILL. PORT OF CHICAGO, ILL.				12,586		13,813 4,375	
TOTAL, SHIPPING AREA	19,396	376,402	11,958	424,185		436,366	10,043
GULF INTRACOASTAL WATERWAY: SARINE RIVER TO GALVESTON, TEXAS/ GALVESTON BAY, TEXAS-- OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE--						1,737 1,400	
TOTAL, SHIPPING AREA						3,137	
GALVESTON BAY, TEXAS/ GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA., APALACHEE, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA., ESCAMBIA AND COCOA RIVERS, FLA. AND ALA., WARRIOR RIVER SYSTEM GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA., GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX., ATCHAFALAYA RIVER, LA., OCHITA AND BLACK RIVERS, ARK. AND LA., CALCASIEU RIVER AND PASS, LA., SABINE-NICHES WATERWAY, TEXAS--	2,263 3,431	5,497 2,854		4,115		4,968 99,547 13,847	
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX., ATCHAFALAYA RIVER, LA., OCHITA AND BLACK RIVERS, ARK. AND LA., CALCASIEU RIVER AND PASS, LA., SABINE-NICHES WATERWAY, TEXAS--		14,251			1,335	1,598	330,231
GULF INTRACOASTAL WATERWAY: SARINE RIVER TO GALVESTON, TEXAS--				381			
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS--	1,579 3,178	1,422 69,297	1,484 1,507	2,746 4,698	10,512 14,911	33,154 54,298	
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS--	1,545	904,109	17,022	301,092	90,329	781,671	
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER--	2,642	53,001	491,779	20,946	1,400	169,378	
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSSES--	1,359		4,082	2,433		129,464	
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA., MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA., MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER--	18,555 1,127	120,033	11,563	74,618	4,207	333,937	23,172
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER--	4,697	7,672		1,122	9,136	34,328	4,472
YAZOO RIVER AND MOUTH, MISS., WOLF RIVER, TENN., OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE-- OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON-- OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH--	4,928 2,892	1,540 99,484		4,002 37,726	24,607	328,210 114,480	3,092
TENNESSEE RIVER, TENN., ALA. AND KY., CUMBERLAND RIVER, TENN. AND KY., KANAWHA RIVER, W.VA., MONONGAHELA RIVER, PA. AND W.VA., ALLEGHENY RIVER, PA., MISSOURI RIVER--	4,352 7,690			25,708	9,387	149,509	
ILLINOIS RIVER, ILL. PORT OF CHICAGO, ILL.	5,850 1,511	22,987		58,672	24,564	178,095	14,490
TOTAL, SHIPPING AREA	255,241	1,382,621	737,417	767,388	375,242	3,448,933	393,664
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS/ GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA., GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA., OCHITA AND BLACK RIVERS, ARK. AND LA., SABINE-NICHES WATERWAY, TEXAS--	938 12,854 140,080			4,050		2,008 14,247 557,381	1,191
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS--	1,249	1,400			132,354	35,272	
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER--		6,153			20,393	3,738	
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSSES--	9,626				2,800	4,934	
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA., MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA., MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER--	3,195	2,800		4,884	1,400	49,842	
WOLF RIVER, TENN., OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE-- OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON-- OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH--	26,389 2,283				21,007	7,988 420,790 30,844	
TENNESSEE RIVER, TENN., ALA. AND KY., KANAWHA RIVER, W.VA., MONONGAHELA RIVER, PA. AND W.VA., ILLINOIS RIVER, ILL. PORT OF CHICAGO, ILL.	1,232	16,456		9,925		4,170 53,307 112,196	
TOTAL, SHIPPING AREA	218,642	110,458	425	81,424	438,077	1,601,887	1,191

WATERBORNE COMMERCE OF THE UNITED STATES, 1980

TABLE 6--DOMESTIC INLAND MOVEMENTS OF CHEMICALS AND RELATED PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	COAL TAR (CODE 2811)	BENZENE AND TOLUENE (CODE 2817)	SULPHURIC ACID (CODE 2818)	ALCOHOLS (CODE 2813)	SODIUM HYDROXIDE (CAUSTIC SODA) (CODE 2810)	CHEMICALS AND CHEMICAL SPECIALTIES (CODES 2816, 2819, 2821, 2876)	FERTILIZERS AND FERTILIZER MATERIALS (CODES 1471, 1479, 2871, 2872, 2873, 2879)
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER							
GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA.	1,216	1,220			4,100		
WARRIOR RIVER SYSTEM		2,750					
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.		3,307					
ATCHAFALAYA RIVER, LA.		29,345			1,407		
SABINE-NICHES WATERWAY, TEXAS		186,938		126,559	2,780	287,118	
GALVESTON BAY, TEXAS	70,709						
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS	3,354	89,760		11,018		93,532	
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	33,474	137,267				255	
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	13,291					1,515	
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	2,621	30,996			2,806	4,693	5,497
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER		1,174					
WOLF RIVER, TENN.		1,469					
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE						224,732	
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON						57,797	
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH						4,796	
TENNESSEE RIVER, TENN., ALA. AND KY.						11,369	
CUMBERLAND RIVER, TENN. AND KY.	1,651					1,747	
GREEN AND BARREN RIVERS, KY.						380,481	
KANAWHA RIVER, VA.						29,895	
ILLINOIS RIVER, ILL.						1,250	
TOTAL, SHIPPING AREA	126,316	484,224		137,577	11,693	1,079,180	5,497
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES/ GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA.	1,848	3,910					5,056
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.	351	934					14,945
GULF OF MEXICO						87	
WARRIOR RIVER SYSTEM		4,175					414
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.		8,367	2,104				14,235
INNERWARRIOR NAVIGATION CANAL, LA.							1,752
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.	1,948	3,946	1,776			8,083	
OUCHITA AND BLACK RIVERS, ARK. AND LA.	1,709						
CALCASIEU RIVER AND PASS, LA.				1,402			
SABINE-NICHES WATERWAY, TEXAS	3,022	4,343			1,400		
GALVESTON BAY, TEXAS	34,209	1,400				16,260	10,064
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS		1,435					12,531
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	15,839						
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	43,462	14,196		1,350		17,068	1,802
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	4,609	34,951	57,641		3,861	38,322	28,114
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.	3,100					5,412	6,939
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	1,000	14,081		420		17,827	8,698
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER					1,160		598,698
ARKANSAS RIVER, ARK.		1,475		1,396		544	2,637
WOLF RIVER, TENN.	1,998	600		2,336		3,391	15,376
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE		792		4,997			12,599
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON				1,400		2,750	1,451
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH	2,078	11,206		2,772			
TENNESSEE RIVER, TENN., ALA. AND KY.	3,047					3,150	
CUMBERLAND RIVER, TENN. AND KY.	1,421			1,679		18,359	
GREEN AND BARREN RIVERS, KY.						1,481	
MISSOURI RIVER							19,492
ILLINOIS RIVER, ILL.						12,296	357,893
MINNESOTA RIVER, MINN.							3,132
PORT OF CHICAGO, ILL.				5,628		2,800	
TOTAL, SHIPPING AREA	119,873	105,414	61,581	23,380	6,420	147,829	1,115,644
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.							
GULF INTRACOASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA.			9,047	2,621	145,809	2,890	
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.						11,200	34,926
ESCAMBIA AND COCONCUM RIVERS, FLA. AND ALA.						50,090	
WARRIOR RIVER SYSTEM	1,900		7,090	12,331	61,141	9,549	
ALABAMA-COOSA RIVERS, ALA. AND GA.				4,436			
GULF INTRACOASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.					29,323	3,100	

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 6--DOMESTIC INLAND MOVEMENTS OF CHEMICALS AND RELATED PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1960

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	COAL TAR (CODE 2811)	BENZENE AND TOLUENE (CODE 2817)	SULPHURIC ACID (CODE 2818)	ALCOHOLS (CODE 2813)	SODIUM HYDROXIDE (CAUSTIC SODA) (CODE 2819)	CHEMICALS AND CHEMICAL SPECIALTIES (CODES 2816, 2819, 2821, 2876)	FERTILIZERS AND FERTILIZER MATERIALS (CODES 1471, 1479, 2871, 2872, 2873, 2879)
GULF INTRACOASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.					26,554		
ATCHAFALAYA RIVER, LA.	3,550			4,074		2,894	
OUCHITA AND BLACK RIVERS, ARK. AND LA.						3,542	
HERMENTAU RIVER, BAYOU NEZIQUE AND BAYOU DES CANNES, LA.						68,094	
CALCASIEU RIVER AND PASS, LA.			1,396		8,596	33,320	
SABINE-NECHES WATERWAY, TEXAS		4,266			18,644		
GALVESTON BAY, TEXAS	6,259	30,396	33,982	92,612	90,392	367,097	76,217
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS		130,690	3,288	16,555	2,600	92,951	67,745
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER		10,015					65,921
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES	1,031	4,415	52,794	7,641	71,335	15,608	80,811
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		131,411	327,713	27,194	302,382	1,360,772	179,335
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.			7,292	21,177	9,200	354,573	195,712
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER				35,912	69,417	79,800	333,142
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		1,600	2,427	51,043	53,848	210,103	705,219
YAZOO RIVER AND MOUTH, MISS.						3,240	3,245
ARKANSAS RIVER, ARK.					133,962	7,500	109,322
WHITE RIVER, ARK.							5,221
WOLF RIVER, TENN.				4,793	50,574	1,400	71,426
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE				172,417	102,607	627,613	643,578
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON				5,281		573,659	20,239
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH	16,579	13,917		16,760	15,938	684,760	34,642
TENNESSEE RIVER, TENN., ALA. AND KY.	2,757			13,788	14,844	479,993	37,839
CUMBERLAND RIVER, TENN. AND KY.				13,067		52,079	
GREEN AND WARME RIVERS, KY.						6,820	
KANAWHA RIVER, W.VA.		5,249		1,645	14,511	174,155	
HONOINGAMELA RIVER, PA. AND W.VA.						9,530	
ALLEGHENY RIVER, PA.				16,741			
MISSOURI RIVER				14,396	4,479	3,800	195,696
ILLINOIS RIVER, ILL.			10,800			581,125	632,699
BLACK RIVER, MIN.					5,567		
MINNESOTA RIVER, MINN.							84,333
LAKE MICHIGAN				160,187	162,787	238,768	33,854
PORT OF CHICAGO, ILL.							37,674
TOTAL, SHIPPING AREA	12,572	331,954	455,829	714,071	1,422,460	6,059,943	3,798,796
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA. / GALVESTON BAY, TEXAS							3,820
GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER							5,551
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES						10,230	1,027
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.						16,837	97,502
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.							49,967
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER						8,583	9,124
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER						20,385	63,890
ARKANSAS RIVER, ARK.					4,037		14,808
WOLF RIVER, TENN.							9,531
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE						44,810	172,514
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH							14,042
TENNESSEE RIVER, TENN., ALA. AND KY.							10,426
HONOINGAMELA RIVER, PA. AND W.VA.						2,500	
MISSOURI RIVER							36,695
ILLINOIS RIVER, ILL.						40,691	41,585
BLACK RIVER, MIN.							4,920
MINNESOTA RIVER, MINN.							22,042
LAKE MICHIGAN							4,784
PORT OF CHICAGO, ILL.							22,713
TOTAL, SHIPPING AREA					4,037	144,045	515,541
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER / GULF INTRACOASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER							3,086
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.			16,319		1,342	1,452	1,605
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.							9,487
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER						8,400	9,612
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER							79,132
WOLF RIVER, TENN.							2,500
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE							78,923
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH			1,413			3,000	

WATERBORNE COMMERCE OF THE UNITED STATES, 1980

TABLE 6--DOMESTIC INLAND MOVEMENTS OF CHEMICALS AND RELATED PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	COAL TAR (CODE 2811)	BENZENE AND TOLUENE (CODE 2817)	SULPHURIC ACID (CODE 2818)	ALCOHOLS (CODE 2813)	SODIUM HYDROXIDE (CAUSTIC SODA) (CODE 2810)	CHEMICALS AND CHEMICAL SPECIALTIES (CODES 2816, 2819, 2821, 2876)	FERTILIZERS AND FERTILIZER MATERIALS (CODES 1471, 1479, 2871, 2872, 2873, 2879)
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER							
GALVESTON BAY, TEXAS		2,738	2,194			38,730	
GULF INTRACASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS		10,964					
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		20,211	5,032			7,152	
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER		78,386					19,206
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER						105,212	113,417
WOLF RIVER, TENN.						3,335	
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE						3,147	3,079
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH		1,633					
TENNESSEE RIVER, TENN., ALA. AND KY.						9,669	25,961
KATAHAWA RIVER, N.C.						7,323	
HUNGANGWELA RIVER, PA. AND N.J.							1,429
MISSOURI RIVER		6,805					4,557
ILLINOIS RIVER, ILL.						7,850	11,910
MINNESOTA RIVER, MINN.							2,030
LAKE MICHIGAN							8,256
PORT OF CHICAGO, ILL.		1,347				4,822	13,705
TOTAL, SHIPPING AREA		122,084	7,226			187,240	203,550
YAZOO RIVER AND MOUTH, MISS.							
GULF INTRACASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA.							4,829
APALACHEE, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.							42,720
GULF INTRACASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS							79,964
GULF INTRACASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER							16,183
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSAGE							2,468
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.							4,986
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.							25,445
WOLF RIVER, TENN.							19,341
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE							16,996
TENNESSEE RIVER, TENN., ALA. AND KY.							19,690
ILLINOIS RIVER, ILL.							12,373
LAKE MICHIGAN							3,423
TOTAL, SHIPPING AREA							248,416
ARKANSAS RIVER, ARK.							
APALACHEE, CHATTAHOOCHEE AND FLINT RIVERS, GA. AND FLA.							2,076
GULF INTRACASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.		1,884					
SARINE-NECHES WATERWAY, TEXAS						35,412	
GALVESTON BAY, TEXAS						3,377	4,960
GULF INTRACASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS						3,397	50,209
GULF INTRACASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER							7,788
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSAGE						892	162,113
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		2,875				6,800	10,298
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.						13,770	
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER						13,143	
WOLF RIVER, TENN.							12,139
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE						33,245	92,892
ILLINOIS RIVER, ILL.						20,325	38,843
TOTAL, SHIPPING AREA		4,759				139,361	381,318
WOLF RIVER, TENN.							
GULF INTRACASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.							2,890
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSAGE						1,619	
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.							25,242

DOMESTIC INLAND TRAFFIC, AREAS OF ORIGIN AND DESTINATION

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TABLE 6--DOMESTIC INLAND MOVEMENTS OF CHEMICALS AND RELATED PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	COAL TAR (CODE 2811)	BENZENE AND TOLUENE (CODE 2817)	SULPHURIC ACID (CODE 2818)	ALCOHOLS (CODE 2813)	SODIUM HYDROXIDE (CAUSTIC SODA) (CODE 2810)	CHEMICALS AND CHEMICAL SPECIALTIES (CODES 2816, 2819, 2821, 2876)	FERTILIZERS AND FERTILIZER MATERIALS (CODES 1471, 1479, 2871, 2872, 2873, 2879)
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.							705
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	1,198	1,069					1,982
WOLF RIVER, TENN.				1,827			13,640
MISSOURI RIVER							
TOTAL, SHIPPING AREA	1,198	1,069		1,827		1,619	44,459
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE/							
GALVESTON BAY, TEXAS	1,597					1,704	
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSSES	995						1,477
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		27,131				3,418	13,675
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.						2,694	4,487
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER		2,427					
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE		1,714			2,478	2,977	18,840
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON	8,000	7,252					
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH		1,483					
TENNESSEE RIVER, TENN., ALA. AND KY.	1,200			2,526		4,007	1,000
CUMBERLAND RIVER, TENN. AND KY.							
KANAWHA RIVER, W.VA.		1,914				3,017	
PORT OF CHICAGO, ILL.						5,466	
TOTAL, SHIPPING AREA	9,792	41,925		2,526	2,478	24,183	39,479
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON/							
GULF INTRACASTAL WATERWAY: APALACHEE BAY, FLA., TO MOBILE BAY, ALA.	1,100						
WARRIOR RIVER SYSTEM						1,884	
CALCASIEU RIVER AND PASS, LA.	2,600						
GALVESTON BAY, TEXAS	9,069	8,714		1,300		17,675	
GULF INTRACASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS	1,200						
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSSES	4,647					1,400	
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	7,700	16,053				8,317	
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.						1,300	
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	2,398	4,349					
WOLF RIVER, TENN.	1,200						3,100
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	3,469	6,294	750				3,442
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON	48,027						6,372
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH	7,126	1,200	26,967	21,996			
TENNESSEE RIVER, TENN., ALA. AND KY.	7,350		1,786				
KANAWHA RIVER, W.VA.		3,047	11,392			1,298,695	
HUNTINGAMELA RIVER, PA. AND W.VA.						1,432	
PORT OF CHICAGO, ILL.						6,804	
TOTAL, SHIPPING AREA	94,256	39,665	40,368	21,299		1,349,921	
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH/							
GULF INTRACASTAL WATERWAY: MOBILE BAY, ALA., TO NEW ORLEANS, LA.	1,242						
CALCASIEU RIVER AND PASS, LA.	1,334						
GALVESTON BAY, TEXAS	9,707					2,747	
GULF INTRACASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS	5,842					3,117	
GULF INTRACASTAL WATERWAY: CORPUS CHRISTI, TEXAS, TO THE MEXICAN BORDER	78,549					8,913	
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSSES						3,664	
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.	1,000			1,316			15,184
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.							8,218
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER	1,300	2,785			3,677		
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER		27,187					
WOLF RIVER, TENN.	8,648						5,127
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	7,470	7,546			25,697		4,432
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON	40,402					2,988	
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH	5,930	6,665	4,600		1,277	1,300	
TENNESSEE RIVER, TENN., ALA. AND KY.	12,135						
KANAWHA RIVER, W.VA.					15,600	1,300	
HUNTINGAMELA RIVER, PA. AND W.VA.					2,554		
PORT OF CHICAGO, ILL.							3,773
TOTAL, SHIPPING AREA	149,797	39,187	4,600	1,316	46,655	23,429	36,734
TENNESSEE RIVER, TENN., ALA. AND KY./							
WARRIOR RIVER SYSTEM						1,424	
SABINE-NECHES WATERWAY, TEXAS	8,727						
GALVESTON BAY, TEXAS	49,353					4,215	

WATERBORNE COMMERCE OF THE UNITED STATES, 1980

TABLE 6--DOMESTIC INLAND MOVEMENTS OF CHEMICALS AND RELATED PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	COAL TAR (CODE 2811)	BENZENE AND TOLUENE (CODE 2817)	SULPHURIC ACID (CODE 2818)	ALCOHOLS (CODE 2813)	SODIUM HYDROXIDE (CAUSTIC SODA) (CODE 2810)	CHEMICALS AND CHEMICAL SPECIALTIES (CODES 2816, 2819, 2821, 2876)	FERTILIZERS AND FERTILIZER MATERIALS (CODES 1471, 1479, 2871, 2872, 2873, 2879)
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS							4,551
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		759			2,816	2,481	19,528
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.						1,888	7,702
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER					10,892	2,083	33,486
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER	7,518						22,343
YAZOO RIVER AND MOUTH, MISS.							6,497
ARKANSAS RIVER, ARK.					8,948	2,040	
WOLF RIVER, TENN.					42,776	8,138	
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE					30,745	320	44,087
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH					1,171		
TENNESSEE RIVER, TENN., ALA. AND KY.		1,422			31,885	16,611	17,133
KANAWHA RIVER, W.VA.						20,769	
MISSOURI RIVER	4,256				3,348	2,543	41,141
ILLINOIS RIVER, ILL.							15,890
PORT OF CHICAGO, ILL.					63,534	9,338	2,455
TOTAL, SHIPPING AREA	65,354	759	1,422		196,115	72,350	215,013
CUMBERLAND RIVER, TENN. AND KY. / MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES							704
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH			2,000				
KANAWHA RIVER, W.VA.				10,441			
TOTAL, SHIPPING AREA			2,000	10,441			704
BIG SANDY RIVER, KY. AND W.VA. / GALVESTON BAY, TEXAS	3,297	5,565					
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		10,849					
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER		6,835					
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE	8,980	9,732					
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON						150,868	
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH		8,884					
PORT OF CHICAGO, ILL.	1,362						
TOTAL, SHIPPING AREA	13,639	41,835				150,868	
KANAWHA RIVER, W.VA. / WARRIOR RIVER SYSTEM						16,436	
GALVESTON BAY, TEXAS				4,250		54,485	
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.				1,043			
MISSISSIPPI RIVER: MOUTH OF OHIO RIVER TO BUT NOT INCLUDING BATON ROUGE, LA.						1,647	
WOLF RIVER, TENN.						1,450	
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE		1,400				3,722	
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON						851	
CUMBERLAND RIVER, TENN. AND KY.						1,750	
KANAWHA RIVER, W.VA.				7,284	16,740	79,337	
ALLEGHENY RIVER, PA.						10,827	
ILLINOIS RIVER, ILL.						6,711	
PORT OF CHICAGO, ILL.						92,244	
TOTAL, SHIPPING AREA		1,400		7,577	16,740	269,462	
MONONGAHELA RIVER, PA. AND W.VA. / CALCASIEU RIVER AND PASS, LA.	5,100						
SABINE-NECHES WATERWAY, TEXAS		3,163					
GALVESTON BAY, TEXAS	3,079	4,150					
GULF INTRACOASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS	16,571					3,048	
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSES							1,944
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.		10,901					3,309
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER							2,500
WOLF RIVER, TENN.							1,704
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE						10,000	
OHIO RIVER: ENGINEER DISTRICT, HUNTINGTON	27,900	5,400				1,400	2,400
OHIO RIVER: ENGINEER DISTRICT, PITTSBURGH	56,140	62,457	22,941	1,300			
TENNESSEE RIVER, TENN., ALA. AND KY.	17,953						
KANAWHA RIVER, W.VA.		13,688	4,800			14,885	
MONONGAHELA RIVER, PA. AND W.VA.			8,161			75,484	
ILLINOIS RIVER, ILL.							4,800
BLACK RIVER, ARK.							1,200
TOTAL, SHIPPING AREA	126,445	100,159	33,982	1,300		104,817	17,857
MISSOURI RIVER / MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER							10,983

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CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA (CONTINUED) / RECEIVING AREA	COAL TAR (CODE 2F11)	BENZENE AND TOLUENE (CODE 2B17)	SULPHURIC ACID (CODE 2S18)	ALCOHOLS (CODE 2B13)	SODIUM HYDROXIDE (CAUSTIC SODA) (CODE 2B1C)	CHEMICALS AND CHEMICAL SPECIALTIES (CODES 2B16, 2B19, 2B21, 2B76)	FERTILIZERS AND FERTILIZER MATERIALS (CODES 1471, 1479, 2B71, 2B72, 2B73, 2B79)
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----							23,226
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE-----							4,335
MISSOURI RIVER-----							66,328
ILLINOIS RIVER, ILL.-----							5,902
BLACK RIVER, WIS.-----							2,506
MINNESOTA RIVER, MINN.-----							1,667
TOTAL, SHIPPING AREA-----							114,947
ILLINOIS RIVER, ILL./ OCHITA AND BLACK RIVERS, ARK. AND LA.-----							1,215
SABINE-NECHES WATERWAY, TEXAS-----						2,087	
GALVESTON BAY, TEXAS-----						5,000	
GULF INTRACASTAL WATERWAY: GALVESTON TO CORPUS CHRISTI, TEXAS-----						2,357	
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSAGE-----				1,009			
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----			2,627				
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----				1,726			
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE-----							6,579
TENNESSEE RIVER, TENN., ALA. AND KY.-----	2,469						
ALLEGHENY RIVER, PA.-----						7,236	
MISSOURI RIVER-----							1,300
ILLINOIS RIVER, ILL.-----			98,603	41,042		8,899	21,840
LAKE MICHIGAN-----							39,361
PORT OF CHICAGO, ILL.-----				7,962		11,962	18,720
TOTAL, SHIPPING AREA-----	2,469		61,230	51,739		32,231	89,021
DETROIT AND ROUGE RIVERS, MICH./ DETROIT AND ROUGE RIVERS, MICH.-----	3,469						
LAKE MICHIGAN/ GALVESTON BAY, TEXAS-----		1,400					
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----						1,640	3,361
MISSISSIPPI RIVER: MOUTH OF MISSOURI RIVER TO MOUTH OF OHIO RIVER-----							1,035
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----		24,534					
TOTAL, SHIPPING AREA-----		29,934				1,640	4,396
PORT OF CHICAGO, ILL./ GULF INTRACASTAL WATERWAY: MISSISSIPPI RIVER, LA., TO SABINE RIVER, TEX.-----							
SABINE-NECHES WATERWAY, TEXAS-----	1,342	20,411				3,332	
GALVESTON BAY, TEXAS-----	9,227	14,634				6,647	
MISSISSIPPI RIVER: NEW ORLEANS, LA., TO MOUTH OF PASSAGE-----				267			
MISSISSIPPI RIVER: BATON ROUGE, LA., TO BUT NOT INCLUDING NEW ORLEANS, LA.-----	1,492					1,673	
MISSISSIPPI RIVER: MINNEAPOLIS, MINN., TO MOUTH OF MISSOURI RIVER-----	2,452	21,291				58,141	
OHIO RIVER-----		4,641					1,498
OHIO RIVER, TENN.-----	8,574						1,350
OHIO RIVER: ENGINEER DISTRICT, LOUISVILLE-----							9,134
TENNESSEE RIVER, TENN., ALA. AND KY.-----	9,134						1,149
KANAWHA RIVER, W. VA.-----							2,780
MONONGAHELA RIVER, PA. AND W. VA.-----							
MISSOURI RIVER-----							3,600
ILLINOIS RIVER, ILL.-----	5,100	1,361				6,450	
PORT OF CHICAGO, ILL.-----	2,094	1,397			1,171	17,159	
TOTAL, SHIPPING AREA-----	48,435	62,741		267	1,171	97,394	3,600
LOS ANGELES AND LONG BEACH HARBORS, CALIF./ LOS ANGELES AND LONG BEACH HARBORS, CALIF.-----		1,519					
SAN FRANCISCO BAY AREA/ SAN FRANCISCO BAY AREA-----						10,854	
COLUMBIA RIVER: VANCOUVER, WASH., TO THE MOUTH/ COLUMBIA RIVER: VANCOUVER, WASH., TO THE MOUTH-----							1,150
COLUMBIA RIVER: VANCOUVER, WASH., TO THE DALLES-----							4,949
COLUMBIA RIVER: ABOVE COLLIER FALLS TO HENNECAK, WASH.-----						4,920	
TOTAL, SHIPPING AREA-----						4,920	6,099
COLUMBIA RIVER: VANCOUVER, WASH., TO THE DALLES, OREG./ WILLAMETTE AND YAMHILL RIVERS, OREG.-----							85

WATERBORNE COMMERCE OF THE UNITED STATES, 1980

TABLE 6--DOMESTIC INLAND MOVEMENTS OF CHEMICALS AND RELATED PRODUCTS--CONTINUED
SHIPPING AREA BY RECEIVING AREA

CALENDAR YEAR 1980

(IN TONS OF 2,000 POUNDS)

SHIPPING AREA / RECEIVING AREA	COAL TAR (CODE 2811)	BENZENE AND TOLUENE (CODE 2817)	SULPHURIC ACID (CODE 2818)	ALCOHOLS (CODE 2813)	SODIUM HYDROXIDE (CAUSTIC SODA) (CODE 2810)	CHEMICALS AND CHEMICAL SPECIALTIES (CODES 2816, 2819, 2821, 2876)	FERTILIZERS AND FERTILIZER MATERIALS (CODES 1471, 1479, 2871, 2872, 2873, 2879)
COLUMBIA RIVER: ABOVE CELILO FALLS TO KENNEWICK, WASH. /							
COLUMBIA RIVER: VANCOUVER, WASH., TO THE DALLES,						4,434	4,742
OREG.							
COLUMBIA RIVER: ABOVE CELILO FALLS TO KENNEWICK,							32,059
WASH.							7,883
WILLAMETTE AND YAMHILL RIVERS, OREG.						30,547	3,351
SNAKE RIVER, OREG., WASH., AND IDAHO							
TOTAL, SHIPPING AREA						34,981	48,035
WILLAMETTE AND YAMHILL RIVERS, OREG. /							
COLUMBIA RIVER: VANCOUVER, WASH., TO THE DALLES,						2,021	
OREG.							
COLUMBIA RIVER: ABOVE CELILO FALLS TO KENNEWICK,						292,992	3,536
WASH.						404	
WILLAMETTE AND YAMHILL RIVERS, OREG.							2,405
SNAKE RIVER, OREG., WASH., AND IDAHO							
TOTAL, SHIPPING AREA						295,417	5,941
PUGET SOUND AND TRIBUTARY WATERS /							
PUGET SOUND AND TRIBUTARY WATERS	2,060				55,151	3,545	
SOUTHEASTERN ALASKA /							
SOUTHEASTERN ALASKA						21	

Section 3
WATER CARRIAGE TON-MILES

WATER CARRIAGE TON-MILES

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TABLE 1--TOTAL COMMERCE: TON-MILES AND TONS BY TYPE OF TRAFFIC AND AVERAGE HAUL
CALENDAR YEARS 1971-1980

TYPE OF TRAFFIC	TOTAL FOREIGN AND DOMESTIC	FOREIGN			DOMESTIC				
		TOTAL	GREAT LAKES PORTS	COASTAL PORTS	TOTAL	COASTWISE	LAKEWISE	INTERNAL	TOTAL
TON-MILES:									
1971	1,014,535,141	94,249,417	31,672,592	62,576,825	621,475,764	631,449,247	41,747,114	227,142,991	1,596,412
1972	911,845,781	103,086,821	43,144,432	59,942,389	528,159,493	532,229,276	77,940,749	217,594,224	1,410,223
1973	918,271,456	131,034,394	42,117,781	88,916,613	427,431,622	541,171,216	76,284,741	227,211,140	1,319,424
1974	692,511,427	93,527,144	37,734,277	55,792,867	499,100,136	543,536,591	52,416,921	211,184,225	1,242,259
1975	671,177,933	65,327,511	34,147,409	31,180,102	591,103,482	322,936,650	71,484,181	19,173,443	1,144,244
1976	612,421,727	73,464,524	20,944,751	52,519,773	565,144,223	315,845,946	60,116,762	125,199,191	1,222,122
1977	584,154,137	69,819,744	25,792,991	44,026,753	586,145,243	322,442,209	75,180,193	163,227,571	1,440,164
1978	664,447,467	81,804,384	41,401,253	40,403,131	584,491,483	327,644,175	83,165,107	171,491,915	1,375,223
1979	614,171,269	64,424,841	35,487,252	28,937,589	403,147,444	351,000,970	73,111,550	177,534,441	1,343,721
1980	644,751,573	61,977,123	33,942,102	27,935,021	593,143,651	367,204,500	70,781,194	151,174,244	1,219,715
TONS:									
1971	1,975,100	221,434	67,590	153,844	1,731,964	1,741,609	115,124	514,979	94,144
1972	2,252,757	991,445	71,767	919,678	1,761,212	1,741,656	141,554	514,219	93,114
1973	2,241,670	944,707	71,407	873,300	1,721,222	1,701,343	141,663	514,409	93,577
1974	1,914,540	935,267	67,164	868,103	1,691,112	1,640,783	109,040	421,765	83,444
1975	1,812,767	855,244	65,457	789,787	1,741,064	1,716,274	112,113	521,213	83,111
1976	1,642,102	744,737	54,487	690,250	1,641,475	1,611,911	121,131	447,916	78,279
1977	1,747,734	764,746	51,446	713,300	1,741,445	1,711,356	146,767	511,272	84,126
1978	1,757,260	767,134	64,759	702,375	1,741,475	1,711,356	146,767	511,272	84,126
1979	1,614,979	629,961	61,131	568,830	1,441,924	1,411,660	145,113	447,916	78,279
1980	1,514,127	565,746	51,457	514,289	1,441,141	1,411,916	146,767	511,272	84,126
AVERAGE HAUL (MILES PER TON):									
1971	549.2	102.7	458.8	70.4	418.4	418.4	516.4	445.4	14.9
1972	453.2	103.7	458.0	67.7	418.4	418.4	516.4	445.4	14.9
1973	459.9	106.5	506.4	67.3	418.4	418.4	516.4	445.4	14.9
1974	363.6	100.1	445.4	64.4	418.4	418.4	516.4	445.4	14.9
1975	349.6	99.7	523.1	64.0	418.4	418.4	516.4	445.4	14.9
1976	377.9	98.1	524.4	67.9	418.4	418.4	516.4	445.4	14.9
1977	376.6	91.4	511.3	61.3	418.4	418.4	516.4	445.4	14.9
1978	379.3	106.4	627.2	57.7	418.4	418.4	516.4	445.4	14.9
1979	414.7	105.0	543.5	55.1	418.4	418.4	516.4	445.4	14.9
1980	413.5	106.4	571.3	54.6	418.4	418.4	516.4	445.4	14.9

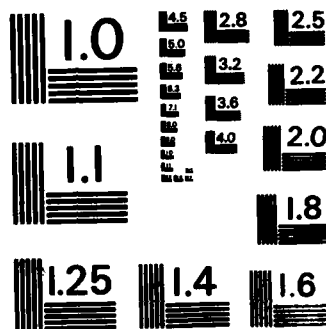
* BASED ON DISTANCES TRANSPORTED ON GREAT LAKES AND ST. LAWRENCE RIVER TO INTERNATIONAL BOUNDARY AT ST. REGIS, QUEBEC, CANADA.
 ** BASED ON DISTANCES TRANSPORTED ON UNITED STATES WATERWAYS FROM INTERIOR CHANNELS TO PORTS AND WATERSHEDS.
 # TON-MILES, NOT TONS PER TON, TRAFFIC FOR WHICH TON-MILES WERE NOT COMPILED IN 1971-1980. TON-MILES FOR 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 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3131, 3132, 3133, 3134, 3135, 3136, 3137, 3138, 3139, 3140, 3141, 3142, 3143, 3144, 3145, 3146, 3147, 3148, 3149, 3150, 3151, 3152, 3153, 3154, 3155, 3156, 3157, 3158, 3159, 3160, 3161, 3162, 3163, 3164, 3165, 3166, 3167, 3168, 3169, 3170, 3171, 3172, 3173, 3174, 3175, 3176, 3177, 3178, 3179, 3180, 3181, 3182, 3183, 3184, 3185, 3186, 3187, 3188, 3189, 3190, 3191, 3192, 3193, 3194, 3195, 3196, 3197, 3198, 3199, 3200, 3201, 3202, 3203, 3204, 3205, 3206, 3207, 3208, 3209, 3210, 3211, 3212, 3213, 3214, 3215, 3216, 3217, 3218, 3219, 3220, 3221, 3222, 3223, 3224, 3225, 3226, 3227, 3228, 3229, 3230, 3231, 3232, 3233, 3234, 3235, 3236, 3237, 3238, 3239, 3240, 3241, 3242, 3243, 3244, 3245, 3246

0-4121 809 WATERBORNE COMMERCE OF THE UNITED STATES CALENDAR YEAR 2/2
1980 PART 5 NATIONAL SUMMARIES(U) CORPS OF ENGINEERS
FORT BELVOIR VA WATER RESOURCES SUPPORT CENTER SEP 82
UNCLASSIFIED WRSC-WCUS-80-5 F/G 15/5 NL

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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 - A

TABLE 3--DOMESTIC TRAFFIC: TONS AND TON-MILES OF PRINCIPAL COMMODITY GROUPS BY TYPE OF TRAFFIC AND SERVICE CALENDAR YEAR 1980
(IN THOUSANDS)

TYPE OF TRAFFIC AND COMMODITY GROUP	TOTAL			REGULATED			EXEMPT. FOR HIRE			PRIVATE		
	TON-MILES	TONS	AVERAGE HAUL (MILES PER TON)	TON-MILES	TONS	AVERAGE HAUL (MILES PER TON)	TON-MILES	TONS	AVERAGE HAUL (MILES PER TON)	TON-MILES	TONS	AVERAGE HAUL (MILES PER TON)
COASTWISE, TOTAL	631,149,247	329,009	1,915.8	12,943,881	6,275	2,032.8	407,834,276	288,061	1,971.2	210,331,110	116,472	1,006.0
PETROLEUM AND PRODUCTS	574,193,301	281,131	2,042.3	5,701,944	2,130	2,676.8	364,547,446	188,720	2,100.7	283,643,711	110,501	1,849.6
COAL AND COKE	1,691,872	3,706	537.3	43,346	26	1,680.8	1,693,072	3,605	525.1	55,454	75	739.0
IRON ORE AND IRON AND STEEL	498,874	366	1,364.2	128,597	69	1,869.3	367,813	258	1,448.4	2,464	42	59.3
SAND, GRAVEL, AND STONE	216,745	4,776	51.9	5,134	16	317.0	190,508	3,605	52.1	31,103	954	26.1
GRAINS	1,225,417	682	1,795.8	22,931	11	2,139.1	1,222,486	672	1,799.3	4,746	34	138.3
LOGS AND LUMBER	1,513,841	1,125	1,345.9	85,724	656	1,335.9	1,222,486	672	1,799.3	4,746	34	138.3
CHEMICALS AND RELATED PRODUCTS	26,929,439	18,274	1,473.6	401,692	161	2,500.8	23,003,140	16,541	1,390.1	3,523,699	1,372	2,241.3
SHELLS	67	0	1,395.8	31	0	7,750.0	36	0	818.2	0	0	0
ALL OTHERS	24,580,391	25,129	1,221.1	5,784,282	3,206	1,884.2	16,006,296	13,029	1,228.5	2,789,733	3,694	716.3
LAKELAND, TOTAL	61,747,114	115,124	536.4	275,225	2,082	132.2	44,084,489	84,358	522.3	17,407,480	28,675	487.1
PETROLEUM AND PRODUCTS	1,185,408	4,399	256.5	28,289	6	47.5	1,157,119	4,393	256.5	17,407,480	28,675	487.1
COAL AND COKE	7,128,280	22,044	323.4	23,454	129	183.4	6,904,826	19,738	352.2	48,019	1,325	36.1
IRON ORE AND IRON AND STEEL	43,978,221	50,591	757.7	145,085	363	400.1	28,643,536	40,131	714.3	15,131,280	20,698	724.4
SAND, GRAVEL, AND STONE	6,368,378	20,145	316.1	4,270	34	124.5	5,713,767	17,960	324.1	856,313	2,151	382.3
GRAINS	1,522,874	1,569	970.0	71	0	0	1,522,803	1,568	970.0	0	0	0
LOGS AND LUMBER	11,449	201	56.0	11,629	183	63.5	11,629	183	63.5	0	0	0
CHEMICALS AND RELATED PRODUCTS	169,812	760	222.1	11,666	259	67.4	151,235	903	167.1	17	3	100.0
SHELLS	0	0	0	0	0	0	0	0	0	0	0	0
ALL OTHERS	1,072,380	5,595	267.4	73,859	1,111	65.8	400,782	1,691	272.8	992,459	2,983	341.9
INTERNAL, TOTAL	227,348,091	534,979	425.0	20,827,080	29,740	699.7	182,714,092	390,340	488.2	23,881,011	114,871	207.2
PETROLEUM AND PRODUCTS	41,683,378	135,165	268.0	270,790	1,022	218.0	41,413,582	124,118	217.1	23,881,011	114,871	207.2
COAL AND COKE	47,761,241	11,458	353.4	145,085	363	400.1	47,616,156	11,075	374.0	1,211,028	10,981	110.3
IRON ORE AND IRON AND STEEL	9,385,781	11,458	812.2	6,881,099	9,719	887.3	2,504,682	12,686	197.9	3,711,238	34,272	108.1
SAND, GRAVEL, AND STONE	6,549,461	52,059	123.7	21,942	98	222.9	6,527,519	51,961	123.7	3,711,238	34,272	108.1
GRAINS	49,377,195	48,146	1,011.0	69,216	1,772	371.0	49,307,979	46,374	1,011.0	1,222,486	672	1,799.3
LOGS AND LUMBER	1,378,931	19,415	70.9	22,035	4,077	53.5	1,356,896	15,400	89.2	3,511	2,216	158.0
CHEMICALS AND RELATED PRODUCTS	26,723,069	17,097	1,563.0	6,922,895	5,718	1,223.0	14,801,174	11,380	1,300.0	5,718	1,380	420.0
SHELLS	98,801	6,411	110.6	11,666	259	67.4	87,135	6,152	141.4	1,222,486	672	1,799.3
ALL OTHERS	43,714,922	71,035	610.2	5,789,393	5,688	482.1	37,925,529	50,666	753.0	2,889,284	15,281	189.5
LOCAL, TOTAL	1,415,428	94,184	15.0	19,323	1,840	11.7	1,396,105	92,343	15.0	301,084	30,745	15.0
PETROLEUM AND PRODUCTS	938,068	66,046	14.2	11,934	1,036	11.3	926,134	65,007	14.2	283,071	18,975	14.2
COAL AND COKE	149,763	7,278	20.0	1,483	123	12.0	148,280	7,155	20.0	1,483	123	12.0
IRON ORE AND IRON AND STEEL	11,767	2,193	5.4	1,483	123	12.0	10,284	1,070	9.5	1,483	123	12.0
SAND, GRAVEL, AND STONE	160,782	7,371	21.6	1,483	123	12.0	159,300	7,248	21.6	1,483	123	12.0
GRAINS	873	130	6.7	325	107	3.0	848	123	6.7	325	107	3.0
LOGS AND LUMBER	41,632	3,102	13.4	2,963	122	24.2	41,632	3,102	13.4	2,963	122	24.2
CHEMICALS AND RELATED PRODUCTS	34,243	3,018	11.3	2,963	122	24.2	34,243	3,018	11.3	2,963	122	24.2
SHELLS	13,462	630	21.4	1,963	159	9.8	12,829	611	21.4	1,963	159	9.8
ALL OTHERS	169,472	5,124	33.1	1,963	159	9.8	167,509	5,000	33.1	1,963	159	9.8
DOMESTIC, TOTAL	991,086,279	1,073,094	926.8	34,064,997	39,672	658.7	639,439,190	743,440	895.7	283,958,689	290,783	864.8
PETROLEUM AND PRODUCTS	627,489,448	304,302	2,058.0	5,701,944	2,130	2,676.8	364,547,446	188,720	2,100.7	283,643,711	110,501	1,849.6
COAL AND COKE	27,527,143	10,981	250.3	145,085	363	400.1	27,372,061	10,712	250.3	1,211,028	10,981	110.3
IRON ORE AND IRON AND STEEL	29,088,579	34,272	788.0	21,942	98	222.9	28,866,897	34,144	788.0	3,711,238	34,272	108.1
SAND, GRAVEL, AND STONE	21,674,500	48,146	450.0	21,942	98	222.9	21,455,011	47,948	450.0	1,222,486	672	1,799.3
GRAINS	1,225,417	682	1,795.8	22,931	11	2,139.1	1,222,486	672	1,799.3	4,746	34	138.3
LOGS AND LUMBER	1,513,841	1,125	1,345.9	85,724	656	1,335.9	1,222,486	672	1,799.3	4,746	34	138.3
CHEMICALS AND RELATED PRODUCTS	26,929,439	18,274	1,473.6	401,692	161	2,500.8	23,003,140	16,541	1,390.1	3,523,699	1,372	2,241.3
SHELLS	67	0	1,395.8	31	0	7,750.0	36	0	818.2	0	0	0
ALL OTHERS	24,580,391	25,129	1,221.1	5,784,282	3,206	1,884.2	16,006,296	13,029	1,228.5	2,789,733	3,694	716.3
• LESS THAN 500 TONS.	49,076,585	102,393	492.4	9,880,277	18,169	941.3	53,617,603	67,049	799.7	6,630,703	25,180	265.7

WATERBORNE COMMERCE OF THE UNITED STATES, 1980

TABLE 4--DOMESTIC TON-MILES: COMMODITY BY SERVICE, CALENDAR YEAR 1980--CONTINUED

(IN THOUSANDS)

COMMODITY	TOTAL	REGULATED	EXEMPT, FOR HIRE	PRIVATE
BASIC TEXTILES				
2211 BASIC TEXTILE PRODUCTS-----	77,322	29,054	48,268	-----
2212 TEXTILE FIBERS, NEC-----	9,872	3,164	2,708	-----
APPAREL & OTHER FINISHED TEXTILE PRODUCTS, INCLUDING KNIT				
2311 APPAREL-----	132,754	312	132,444	-----
LUMBER & WOOD PRODS., EXC. FURNITURE				
2411 LOGS-----	222,754	29,225	138,848	97,683
2412 RAFTED LOGS-----	773,277	95,499	668,188	17,598
2413 FUEL WOOD, CHARCOAL, WASTES-----	20,352	916	18,988	536
2414 TIMBER, POSTS, POLES, PILING-----	26,029	9,703	16,815	411
2415 PULPMOOD, LOG-----	219,647	67,773	7,825	144,849
2416 WOOD CHIPS, STAVES, HOLDINGS-----	189,233	687	128,851	63,695
2421 LUMBER-----	1,199,992	776,954	424,755	283
2431 VENEER, PLYWOOD, WORKED WOOD-----	194,400	80,232	114,168	-----
2491 WOOD MANUFACTURES, NEC-----	117,198	34,417	78,266	4,515
FURNITURE & FIXTURES				
2511 FURNITURE AND FIXTURES-----	201,677	188,883	181,674	-----
PULP, PAPER & ALLIED PRODUCTS				
2611 PULP-----	230,774	128,260	182,449	96
2621 STANDARD NEWSPRINT PAPER-----	113,903	32,609	81,294	-----
2631 PAPER AND PAPERBOARD-----	420,758	161,809	259,659	98
2691 PULP AND PAPER PRODUCTS, NEC-----	484,458	86,134	397,824	588
PRINTED MATTER				
2711 PRINTED MATTER-----	42,949	16,862	26,887	-----
CHEMICALS & ALLIED PRODUCTS				
2810 SODIUM HYDROXIDE-----	4,925,000	32,824	3,392,623	1,100,253
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	1,323,575	211,359	938,951	181,265
2812 DYES, PIGMENT, TANNING MATS-----	10,957	23	18,534	-----
2813 ALCOHOLS-----	4,689,038	522,895	3,271,408	895,635
2816 RADIOACTIVE MATERIALS, WASTES-----	542	-----	542	-----
2817 BENZENE AND TOLUENE-----	2,218,229	288,463	1,286,853	714,913
2818 SULPHURIC ACID-----	351,315	636	148,116	182,563
2819 BASIC CHEMICALS AND PROD, NEC-----	24,184,782	5,925,738	13,648,514	4,532,538
2821 PLASTIC MATERIALS-----	291,882	92,488	133,511	39,683
2822 SYNTHETIC RUBBER-----	22,782	11,443	11,639	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	1,645	54	1,491	-----
2831 DRUGS-----	37,431	10,471	46,768	-----
2841 SOAP-----	273,881	29,932	243,889	-----
2891 PAINTS-----	95,844	12,569	43,354	1
2892 GUM AND WOOD CHEMICALS-----	316,982	158	316,344	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	3,878,644	134,498	2,643,928	880,226
2872 POTASSIC CHEM FERTILIZERS-----	379,688	9,741	349,847	-----
2873 PHOSPHATIC CHEM FERTILIZERS-----	559,883	15,451	358,981	188,551
2874 INSECTICIDES, DISINFECTANTS-----	28,813	4,718	23,674	121
2879 FERTILIZER AND MATERIALS, NEC-----	3,649,337	94,787	3,497,451	97,179
2891 MISCELLANEOUS CHEMICAL PROD-----	357,161	95,354	249,787	52,828
PETROLEUM & COAL PRODUCTS				
2911 GASOLINE-----	56,028,524	196,355	27,172,293	28,651,876
2912 JET FUEL-----	11,249,879	8,879	5,952,243	5,288,757
2913 KEROSENE-----	3,468,381	47	678,987	2,789,347
2914 DISTILLATE FUEL OIL-----	46,948,812	247,481	17,172,956	29,526,375
2915 RESIDUAL FUEL OIL-----	90,068,216	1,510,887	62,836,599	25,712,818
2916 LUBRICATING OILS AND GREASES-----	9,987,975	17,556	5,581,439	4,488,688
2917 NAPHTHA, PETROLEUM SOLVENTS-----	6,833,613	18,373	4,887,342	2,735,888
2918 ASPHALT, TAR, AND BITUMENS-----	3,561,759	144,176	2,771,881	645,702
2920 COKE, PETROLEUM COKE-----	2,878,677	89,848	2,818,657	28,167
2921 LIQUEFIED GASES-----	371,301	1,255	23,747	346,299
2991 ASPHALT BUILDING MATERIALS-----	20,860	7,674	13,286	-----
2991 PETROLEUM AND COAL PROD, NEC-----	1,890,992	53,366	1,628,792	288,834
RUBBER & MISC. PLASTIC PRODUCTS				
3811 RUBBER AND MISC PLASTIC PROD-----	144,410	32,903	111,587	-----
LEATHER & LEATHER PRODUCTS				
3911 LEATHER AND LEATHER PRODUCTS-----	33,191	777	32,414	-----
STONE, CLAY, GLASS, & CONCRETE PROD.				
3211 GLASS AND GLASS PRODUCTS-----	159,888	47,516	187,544	-----
3241 BUILDING CEMENT-----	3,148,883	26,819	911,272	2,818,276
3291 STRUCTURAL CLAY PRODUCTS-----	189,934	32,698	77,270	14
3271 LIME-----	947,471	4,414	941,481	1,576
3281 CUT STONE AND STONE PRODUCTS-----	18,182	761	9,481	-----
3291 MISC NONMETALLIC MINERAL PROD-----	386,737	66,385	288,714	29,638
PRIMARY METAL PRODUCTS				
3311 PIG IRON-----	95,373	48,691	6,482	-----
3312 IRON-----	598,689	98,240	329,327	8,483
3314 IRON AND STEEL PRIMARY FORMS-----	832,841	732,323	98,561	87
3318 IRON, STEEL SHAPES, ETC SHEET-----	956,959	881,881	184,882	598
3318 IRON AND STEEL PLATES, SHEETS-----	2,889,193	8118,326	188,611	256

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TABLE 4--DOMESTIC TON-MILES; COMMODITY BY SERVICE, CALENDAR YEAR 1966--CONTINUED
(IN THOUSANDS)

COMMODITY	TOTAL	REGULATED	EXEMPT, FOR HIRE	PRIVATE
PRIMARY METAL PRODUCTS (CONTINUED)				
3317 IRON AND STEEL PIPE AND TUBE-----	1,300,998	1,146,618	146,687	7,693
3318 FERROALLOYS-----	1,096,967	839,197	257,770	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	853,827	758,842	94,985	-----
3321 NONFERROUS METALS, NEC-----	101,564	6,873	94,691	683
3322 COPPER ALLOYS, UNWORKED-----	19,472	13,839	5,633	-----
3323 LEAD AND ZINC, UNWORKED-----	48,868	27,696	21,172	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	86,989	59,592	27,377	-----
FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, & TRANS. EQUIP.				
3411 FABRICATED METAL PRODUCTS-----	719,111	272,264	439,151	7,696
MACHINERY, EXCEPT ELECTRICAL				
3511 MACHINERY, EXCEPT ELECTRICAL-----	383,895	287,366	167,395	9,132
ELECTRICAL MACHINERY, EQUIPMENT & SUPPLIES				
3611 ELECTRICAL MACH AND EQUIP-----	592,470	151,992	440,488	28
TRANSPORTATION EQUIPMENT				
3711 MOTOR VEHICLES, PARTS, EQUIP-----	522,250	185,885	386,288	145
3721 AIRCRAFT AND PARTS-----	11,880	484	10,676	-----
3731 SHIPS AND BOATS-----	228,461	33,193	11,871	179,687
3791 MISC TRANSPORTATION EQUIPMENT-----	29,610	6,814	18,602	994
INSTRUMENTS, PHOTOGRAPHIC & OPTICAL GOODS, WATCHES & CLOCKS				
3811 INSTR. TIME, PHOTO. OPT GOODS-----	19,675	319	19,356	-----
MISC. PRODUCTS OF MANUFACTURING				
3911 MISC MANUFACTURED PRODUCTS-----	392,051	214,397	168,963	8,691
WASTE & SCRAP MATERIALS				
4011 IRON AND STEEL SCRAP-----	2,321,659	2,170,976	144,678	6,013
4012 NONFERROUS METAL SCRAP-----	42,884	12,380	30,423	81
4022 TEXTILE WASTE, SCRAP, SWEEP-----	36,904	193	36,711	-----
4024 PAPER WASTE AND SCRAP-----	880	238	642	-----
4029 WASTE AND SCRAP, NEC-----	870,952	7,818	686,666	254,468
SPECIAL ITEMS				
4111 WATER-----	64,687	493	47,155	22,834
4112 COMMODITIES, NEC-----	4,769,773	3,417,462	1,341,992	6,319

TABLE 3--DOMESTIC TON-MILES: COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1980
(IN THOUSANDS)

COMMODITY	TOTAL	COASTWISE	LANERIDE	INTERNAL	LOCAL
TOTAL	921,935,764	631,149,247	61,747,114	227,342,991	1,596,412
FARM PRODUCTS					
0101 COTTON, RAW	9,070	8,454		624	
0102 BARLEY AND RYE	191,799	16,456	123,014	52,329	
0103 CORN	39,787,201	601,927		39,185,111	563
0104 OATS	216,108		3,013	213,175	
0109 RICE	425,142	257,329		167,813	
0106 SORGHUM GRAINS	327,748	176		328,374	
0107 WHEAT	11,174,001	349,931	1,396,047	9,438,093	430
0111 SOYBEANS	19,692,301	7,783		19,684,022	496
0112 FLAXSEEDS	81	81			
0119 OILSEEDS, NEC	185,467	5,619		179,848	
0121 TOBACCO, LEAF	8,376	8,376			
0122 HAY AND FODDER	5,335	1,160	6	4,169	
0129 FIELD CROPS, NEC	9,419	9,615	209	199	
0131 FRESH FRUITS AND TREE NUTS	271,820	271,805	23		
0132 BANANAS AND PLANTAINS	23				
0133 COFFEE	62,299	40,249		1,222	800
0134 COCOA BEANS	21,124	21,124			
0141 FRESH AND FROZEN VEGETABLES	367,091	364,084	1,170	1,037	
0151 LIVE ANIMALS	10,268	10,268		3	
0261 ANIMALS AND PRODUCTS, NEC	27,281	21,983	0	9,290	
0191 MISCELLANEOUS FARM PRODUCTS	8,498	8,144	380	26	
FOREST PRODUCTS					
0841 CRUDE RUBBER AND ALLIED GUMS	7,215	7,124		91	
0841 FOREST PRODUCTS, NEC	8,469	8,394	1	74	
FRESH FISH & OTHER MARINE PRODUCTS					
0911 FRESH FISH, EXCEPT SHELLFISH	40,480	29,926		18,274	280
0912 SHELLFISH, EXCEPT PREPARED	42,759	14,607		28,140	12
0913 MENHADEN	1,060			1,060	
0931 MARINE SHELLS, UNMANUFACTURED	942,030	67		930,301	11,662
METALLIC ORES					
1011 IRON ORE AND CONCENTRATES	45,176,193	259	43,959,150	1,219,102	1,598
1021 COPPER ORE AND CONCENTRATES	16,072	26	26	16,018	
1031 ALUMINUM ORES, CONCENTRATES	432,620		28	432,592	
1061 MANGANESE ORES, CONCENTRATES	545,818		29	545,779	10
1091 NONFERROUS ORES, CONCENTRATES	814,451	25,550		788,200	701
COAL					
1121 COAL AND LIGNITE	54,148,904	1,990,340	7,052,948	44,981,270	123,926
CRUDE PETROLEUM					
1311 CRUDE PETROLEUM	387,418,993	379,519,693		7,797,889	101,491
NONMETALLIC MINERALS, EXCEPT FUELS					
1411 LIMESTONE	6,849,176	1,632	6,109,036	734,362	4,146
1412 BUILDING STONE, UNWORKED	721	508	3		130
1442 SAND, GRAVEL, CRUSHED ROCK	6,547,151	284,389	259,311	5,088,893	277,410
1451 CLAY	248,836	21,903	2,552	224,210	143
1471 PHOSPHATE ROCK	7,466,986	5,466,986		1,539,710	
1479 NATURAL FERTILIZER MATS, NEC	45,123	45,123			
1491 SALT	5,478,280	144,781	127,374	5,286,127	
1492 SULPHUR, DRY	16,916	14,936		1,980	
1493 SULPHUR, LIQUID	4,853,341	4,317,444		524,770	11,107
1494 GYPSUM, CRUDE AND PLASTERS	268,799	41,919	226,876		
1499 NONMETALLIC MINERALS, NEC	691,528	214,452	81	674,046	2,149
ORDNANCE & ACCESSORIES					
1911 ORDNANCE AND ACCESSORIES	2,073	2,769		168	
FOOD & KINDRED PRODUCTS					
2011 MEAT, FRESH, CHILLED, FROZEN	350,059	350,044	9	2	
2012 MEAT AND PRODUCTS, NEC	118,808	118,409	21	458	
2014 TALLOW, ANIMAL FATS AND OILS	470,729	45,626	41	424,093	963
2019 ANIMAL BY-PRODUCTS, NEC	19,539	16,417	206	1,916	
2021 DAIRY PRODUCTS, NEC	105,834	105,177	656	1	
2022 DRIED MILK AND CREAM	64,103	63,897	95	191	
2031 FISH AND SHELLFISH, PREPARED	514,242	513,458	673	119	
2034 VEGETABLES AND PREP, NEC	318,041	311,210	5,609	2,014	
2039 PREP FRUIT AND VEG JUICE, NEC	913,070	813,089	1,342	1,447	
2041 WHEAT FLOUR AND SEMOLINA	194,447	86,513	1,739	106,194	1
2042 PREPARED ANIMAL FEEDS	9,321,502	337,185	411	4,082,694	292
2049 GRAIN MILL PRODUCTS, NEC	6,606,040	259,030	4,269	6,341,778	979
2061 SUGAR	3,698,242	3,248,189	156	449,897	
2062 MOLASSES	1,167,314	694,142		413,084	88
2081 ALCOHOLIC BEVERAGES	1,023,977	1,023,189	130	858	
2091 VEGETABLE OILS, MARG, SHORT	1,289,433	118,324	0	1,171,969	3,532
2092 ANIMAL OILS AND FATS, NEC	32,136	4,410		27,136	504
2094 GROCERIES	481,089	481,040	9	210	
2099 ICE	2,974		2	9,374	
2099 MISCELLANEOUS FOOD PRODUCTS	616,437	999,978	1,270	19,109	
TOBACCO PRODUCTS					
2111 TOBACCO MANUFACTURES	41,136	41,136			

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TABLE 5--DOMESTIC TON-MILES: COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1980--CONTINUED

(IN THOUSANDS)

COMMODITY	TOTAL	COASTWISE	LANEWISE	INTERNAL	LOCAL
BASIC TEXTILES					
2211 BASIC TEXTILE PRODUCTS-----	77,322	72,598	12	4,760	-----
2212 TEXTILE FIBERS, NEC-----	5,072	4,612	15	1,244	-----
APPAREL & OTHER FINISHED TEXTILE PRODUCTS, INCLUDING KNIT					
2311 APPAREL-----	132,756	132,698	-----	46	-----
LUMBER & WOOD PRODS., EXC. FURNITURE					
2411 LOGS-----	222,796	14,158	17	208,581	2
2412 RAFTED LOGS-----	773,277	21,767	-----	694,330	57,180
2413 FUEL WOOD, CHARCOAL, WASTES-----	20,352	9,948	-----	10,412	-----
2414 TIMBER, POSTS, POLES, PILING-----	26,929	18,829	246	8,650	4
2415 PULPMOOD, LOG-----	219,647	-----	1,089	217,740	-----
2416 WOOD CHIPS, STAVES, HOLDINGS-----	125,233	-----	28	180,725	4,488
2421 LUMBER-----	1,195,992	1,147,284	3,297	45,329	162
2431 VENEER, PLYWOOD, WORKED WOOD-----	194,400	178,059	5,750	10,587	4
2491 WOOD MANUFACTURES, NEC-----	117,198	116,292	411	495	-----
FURNITURE & FIXTURES					
2511 FURNITURE AND FIXTURES-----	261,677	261,068	39	978	-----
PULP, PAPER & ALLIED PRODUCTS					
2611 PULP-----	930,774	38,588	1,156	198,829	289
2621 STANDARD NEWSPRINT PAPER-----	113,063	92,771	3,198	17,942	-----
2631 PAPER AND PAPERBOARD-----	420,758	198,988	28,112	201,612	46
2691 PULP AND PAPER PRODUCTS, NEC-----	484,498	376,255	3,204	104,997	2
PRINTED MATTER					
2711 PRINTED MATTER-----	42,949	42,948	-----	1	-----
CHEMICALS & ALLIED PRODUCTS					
2810 SODIUM HYDROXIDE-----	4,525,000	2,819,539	2,584	1,699,590	3,285
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	1,323,575	473,378	13,349	832,956	3,680
2812 DYES, PIGMENT, TANNING MATS-----	10,557	10,557	-----	-----	-----
2813 ALCOHOLS-----	4,649,938	2,858,682	819	1,829,377	1,060
2814 RADIOACTIVE MATERIALS, WASTES-----	542	542	-----	-----	-----
2817 BENZENE AND TOLUENE-----	2,210,229	1,103,234	21,044	1,076,757	9,174
2818 SULPHURIC ACID-----	331,315	49,226	-----	279,615	2,474
2819 BASIC CHEMICALS AND PROD., NEC-----	24,114,782	11,114,150	91,824	12,885,688	13,120
2821 PLASTIC MATERIALS-----	261,882	101,626	1,088	159,168	-----
2822 SYNTHETIC RUBBER-----	22,782	1,519	24	21,239	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	1,545	1,463	-----	82	-----
2831 DRUGS-----	57,431	57,431	-----	-----	-----
2841 SOAP-----	273,001	272,988	13	-----	-----
2851 PAINTS-----	55,864	55,863	-----	1	-----
2861 GUM AND WOOD CHEMICALS-----	316,502	302,632	-----	13,870	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	3,678,644	1,361,181	17,535	2,298,933	995
2872 POTASSIC CHEM FERTILIZERS-----	379,608	187,721	8,452	183,435	-----
2873 PHOSPHATIC CHEM FERTILIZERS-----	559,983	19,068	2,245	538,670	-----
2876 INSECTICIDES, DISINFECTANTS-----	28,513	28,460	9	44	-----
2879 FERTILIZER AND MATERIALS, NEC-----	3,649,337	462,069	169	3,186,885	214
2891 MISCELLANEOUS CHEMICAL PROD-----	357,161	138,193	9,637	209,290	41
PETROLEUM & COAL PRODUCTS					
2911 GASOLINE-----	56,820,524	46,715,569	336,528	8,808,285	168,142
2912 JET FUEL-----	11,269,879	9,784,176	88,444	1,391,674	5,585
2913 KEROSENE-----	3,468,381	3,228,081	1,151	232,888	6,349
2914 DISTILLATE FUEL OIL-----	46,948,812	41,054,286	293,605	5,413,188	227,813
2915 RESIDUAL FUEL OIL-----	90,168,216	77,760,834	289,411	11,619,456	398,515
2916 LUBRICATING OILS AND GREASES-----	9,987,975	7,876,095	57	2,109,962	1,861
2917 NAPHTHA, PETROLEUM SOLVENTS-----	6,833,613	4,547,858	20,943	2,218,757	6,663
2918 ASPHALT, TAR, AND PITCHES-----	3,581,759	1,825,538	115,247	1,618,483	2,491
2920 COKE, PETROLEUM COKE-----	2,878,672	1,512	75,332	2,779,971	21,857
2921 LIQUEFIED GASES-----	371,301	154,374	2	214,321	2,684
2951 ASPHALT BUILDING MATERIALS-----	20,960	20,953	7	-----	-----
2991 PETROLEUM AND COAL PROD., NEC-----	1,490,992	1,687,085	20	177,835	26,852
RUBBER & MISC. PLASTIC PRODUCTS					
3011 RUBBER AND MISC PLASTIC PROD-----	144,418	144,288	43	87	-----
LEATHER & LEATHER PRODUCTS					
3111 LEATHER AND LEATHER PRODUCTS-----	33,191	33,037	154	-----	-----
STONE, CLAY, GLASS, & CONCRETE PROD.					
3211 GLASS AND GLASS PRODUCTS-----	155,068	112,788	-----	42,278	2
3241 BUILDING CEMENT-----	3,148,363	643,489	997,154	1,483,137	4,583
3251 STRUCTURAL CLAY PRODUCTS-----	109,934	39,751	853	69,330	-----
3271 LIME-----	947,471	8,191	-----	539,278	2
3281 CUT STONE AND STONE PRODUCTS-----	10,182	10,156	26	4	-----
3291 MISC NONMETALLIC MINERAL PROD-----	380,737	357,193	812	22,724	6
PRIMARY METAL PRODUCTS					
3311 PIG IRON-----	55,378	3	3,928	51,442	-----
3312 SLAB-----	392,059	10,974	58,957	322,122	6
3314 IRON AND STEEL PRIMARY FORMS-----	832,841	55,768	3,765	773,376	-----
3319 IRON, STEEL SHAPES, EXC SHEET-----	956,599	52,898	3,126	901,855	288
3316 IRON AND STEEL PLATES, SHEETS-----	2,248,193	96,319	545	2,199,151	178

WATERBORNE COMMERCE OF THE UNITED STATES, 1980

TABLE 5--DOMESTIC TON-MILES: COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1980--CONTINUED
(IN THOUSANDS)

COMMODITY	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
PRIMARY METAL PRODUCTS (CONTINUED)					
3317 IRON AND STEEL PIPE AND TUBE-----	1,300,990	156,225	1,517	1,142,823	433
3318 FERROALLOYS-----	1,096,047	4,258	151	1,092,485	76
3319 IRON AND STEEL PRODUCTS, NEC-----	853,827	43,933	897	808,991	6
3321 NONFERROUS METALS, NEC-----	101,564	94,497	70	4,988	9
3322 COPPER ALLOYS, UNWORKED-----	19,672	4,444	803	11,574	2,851
3323 LEAD AND ZINC, UNWORKED-----	48,068	4,117	-----	43,951	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	86,969	17,323	381	69,245	20
FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, & TRANS. EQUIP.					
3411 FABRICATED METAL PRODUCTS-----	719,111	561,495	616	156,936	70
MACHINERY, EXCEPT ELECTRICAL					
3511 MACHINERY, EXCEPT ELECTRICAL-----	383,895	240,998	851	141,928	518
ELECTRICAL MACHINERY, EQUIPMENT & SUPPLIES					
3611 ELECTRICAL MACH AND EQUIP-----	592,470	463,867	13	128,581	9
TRANSPORTATION EQUIPMENT					
3711 MOTOR VEHICLES, PARTS, EQUIP-----	922,250	915,973	2,304	3,969	4
3721 AIRCRAFT AND PARTS-----	11,080	11,076	-----	4	-----
3731 SHIPS AND BOATS-----	220,661	185,463	32	35,147	19
3791 MISC TRANSPORTATION EQUIPMENT-----	25,618	24,324	59	1,214	13
INSTRUMENTS, PHOTOGRAPHIC & OPTICAL GOODS, WATCHES & CLOCKS					
3811 INSTR. TIME, PHOTO, OPT GOODS-----	19,679	19,659	16	-----	-----
MISC. PRODUCTS OF MANUFACTURING					
3911 MISC MANUFACTURED PRODUCTS-----	392,051	354,985	5,293	31,838	15
WASTE & SCRAP MATERIALS					
4011 IRON AND STEEL SCRAP-----	2,321,659	94,209	1,345	2,216,761	9,264
4012 NONFERROUS METAL SCRAP-----	42,884	22,075	24	20,451	334
4022 TEXTILE WASTE, SCRAP, SWEEP-----	36,904	36,789	115	-----	-----
4024 PAPER WASTE AND SCRAP-----	888	638	189	61	-----
4029 WASTE AND SCRAP, NEC-----	970,952	9,316	7	764,291	77,338
SPECIAL ITEMS					
4111 WATER-----	64,682	438	-----	63,316	936
4112 COMMODITIES, NFC-----	4,765,773	4,636,774	308	128,534	157

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TABLE 6--REGULATED TON-MILES: COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1966
(IN THOUSANDS)

COMMODITY	TOTAL	COASTWISE	LAKENISE	INTERNAL	LOCAL
TOTAL	34,064,497	12,943,861	275,225	26,827,286	16,123
FARM PRODUCTS					
0102 BARLEY AND RYE	1,725	17	47	1,661	
0103 CORN	44,455	2,279		42,174	2
0104 OATS	12		12		
0105 RICE	23,371	20,561		2,810	
0106 SORGHUM GRAINS	3,872			3,872	
0107 WHEAT	606,785	74	12	606,699	
0111 SOYBEANS	45,628	1,729		43,899	
0112 FLAXSEED	61	61			
0119 OILSEEDS, NEC	305	136		169	
0121 TOBACCO, LEAF	2,641	2,441			
0122 HAY AND FODDER	60	62	6		
0129 FIELD CROPS, NEC	8,734	8,525	209		
0131 FRESH FRUITS AND TREE NUTS	41,374	41,351	23		
0132 BANANAS AND PLANTAINS	28	23			
0133 COFFEE	56,008	54,090		1,214	699
0134 COCOA BEANS	21,124	21,124			
0141 FRESH AND FROZEN VEGETABLES	16,139	14,969	1,170		
0151 LIVE ANIMALS	13	13			
0161 ANIMALS AND PRODUCTS, NEC	1,289	1,281	8		
0191 MISCELLANEOUS FARM PRODUCTS	349	23	300	26	
FOREST PRODUCTS					
0801 FOREST PRODUCTS, NEC	446	439	1		
FRESH FISH & OTHER MARINE PRODUCTS					
0911 FRESH FISH, EXCEPT SHELLFISH	23,494	23,338		121	
0912 SHELLFISH, EXCEPT PREPARED	3,119	3,119			
0931 MARINE SHELLS, UNMANUFACTURED	31	31			
METALLIC ORES					
1011 IRON ORE AND CONCENTRATES	1,266,197		134,698	1,131,324	179
1021 COPPER ORE AND CONCENTRATES	7,793		26	7,769	
1051 ALUMINUM ORES, CONCENTRATES	262,947		28	262,919	
1061 MANGANESE ORES, CONCENTRATES	429,093		29	429,064	10
1091 NONFERROUS ORES, CONCENT, NEC	542,617	18,638		523,979	
COAL					
1121 COAL AND LIGNITE	171,059	43,165	11,962	115,923	
CRUDE PETROLEUM					
1311 CRUDE PETROLEUM	3,794,362	3,777,767		14,579	2,016
NONMETALLIC MINERALS, EXCEPT FUELS					
1411 LIMESTONE	6,219		3,597	2,622	
1412 BUILDING STONE, UNWORKED	164	161	3		
1442 SAND, GRAVEL, CRUSHED ROCK	24,202	4,234	650	19,318	
1451 CLAY	26,165	15,713	2,552	7,900	
1471 PHOSPHATE ROCK	10,676	10,676			
1479 NATURAL FERTILIZER MATS, NEC	2,377	2,375	2		
1491 SALT	49,628	19,043	10,000	23,785	
1492 SULPHUR, DRY	193	36		157	
1493 SULPHUR, LIQUID	413	413			
1494 GYPSUM, CRUDE AND PLASTERS	11,053	11,053			
1499 NONMETALLIC MINERALS, NEC	93,185	10,289	61	82,835	
ORDNANCE & ACCESSORIES					
1911 ORDNANCE AND ACCESSORIES	857	857			
FOOD & KINDRED PRODUCTS					
2011 MEAT, FRESH, CHILLED, FROZEN	32,936	32,927	9		
2012 MEAT AND PRODUCTS, NEC	1,197	710	21	498	
2014 TALLOW, ANIMAL FATS AND OILS	17,082		41	17,041	
2015 ANIMAL BY-PRODUCTS, NEC	350	144	206		
2021 DAIRY PRODUCTS, NEC	48,661	48,605	656		
2022 DRIED MILK AND CREAM	5,007	4,912	95		
2031 FISH AND SHELLFISH, PREPARED	249,655	248,942	673	49	
2034 VEGETABLES AND PREP, NEC	25,987	20,378	5,609		
2039 PREP FRUIT AND VEG JUICE, NEC	14,896	12,754	1,342		
2041 WHEAT FLOUR AND SEMOLINA	2,733	820	1,739	174	
2042 PREPARED ANIMAL FEEDS	226,914	4,186	468	222,320	
2049 GRAIN MILL PRODUCTS, NEC	87,843	6,238	4,269	76,546	
2061 SUGAR	167,676	69,677	156	97,843	
2062 MOLASSES	379	379			
2081 ALCOHOLIC BEVERAGES	313,651	313,519	130	2	
2091 VEGETABLE OILS, MARG, SHORT	48,399	12,887	8	35,504	
2092 ANIMAL OILS AND FATS, NEC	4,416	4,416			
2094 GROCERIES	230,110	230,115	3		
2099 ICE	1		1		
2099 MISCELLANEOUS FOOD PRODUCTS	169,933	169,624	1,265	44	
TOBACCO PRODUCTS					
2111 TOBACCO MANUFACTURES	24,935	24,935			

TABLE 6--REGULATED TON-MILES: COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1980--CONTINUED

(IN THOUSANDS)					
COMMODITY	TOTAL	COASTWISE	LAKENISE	INTERNAL	LOCAL
BASIC TEXTILES					
2211 BASIC TEXTILE PRODUCTS-----	29,094	25,000	12	3,154	-----
2212 TEXTILE FINERS, NEC-----	3,104	3,149	15	-----	-----
APPAREL & OTHER FINISHED TEXTILE PRODUCTS, INCLUDING KNIT					
2311 APPAREL-----	312	312	-----	-----	-----
LUMBER & WOOD PRODS., EXC. FURNITURE					
2411 LOGS-----	29,228	1,001	-----	28,224	-----
2412 RAFTED LOGS-----	95,499	-----	-----	95,264	235
2413 FUEL WOOD, CHARCOAL, WASTES-----	916	662	-----	254	-----
2414 TIMBER, POSTS, POLES, PILING-----	9,703	4,922	243	4,538	-----
2415 PULPMOOD, LOG-----	67,773	-----	1,899	65,874	-----
2416 WOOD CHIPS, STAVES, HOLDINGS-----	687	-----	28	659	-----
2421 LUMBER-----	770,954	749,732	3,297	17,924	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	80,232	45,460	5,790	9,019	3
2491 WOOD MANUFACTURES, NEC-----	34,417	33,707	411	299	-----
FURNITURE & FIXTURES					
2511 FURNITURE AND FIXTURES-----	100,003	99,960	38	9	-----
PULP, PAPER & ALLIED PRODUCTS					
2611 PULP-----	128,269	1,959	1,154	125,154	-----
2621 STANDARD NEWSPRINT PAPER-----	32,609	16,135	3,190	13,284	-----
2631 PAPER AND PAPERBOARD-----	161,009	14,175	20,112	126,722	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	66,134	55,280	3,203	27,647	-----
PRINTED MATTER					
2711 PRINTED MATTER-----	16,062	16,062	-----	-----	-----
CHEMICALS & ALLIED PRODUCTS					
2810 SODIUM HYDROXIDE-----	32,024	40	2,506	29,368	30
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	211,359	100	9	209,728	1,444
2812 DYES, PIGMENT, TANNING MATS-----	23	23	-----	-----	-----
2813 ALCOHOLS-----	922,895	7,210	-----	515,636	41
2817 BENZENE AND TOLUENE-----	208,463	3,113	-----	204,575	775
2818 SULPHURIC ACID-----	636	151	-----	485	-----
2819 BASIC CHEMICALS AND PROD. NEC-----	5,925,750	222,321	16	5,702,844	577
2821 PLASTIC MATERIALS-----	92,600	6,052	1,000	85,549	-----
2822 SYNTHETIC RUBBER-----	11,143	-----	24	11,119	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	54	54	-----	-----	-----
2831 DRUGS-----	10,671	10,671	-----	-----	-----
2841 SOAP-----	29,932	29,919	13	-----	-----
2851 PAINTS-----	12,509	12,509	-----	-----	-----
2861 GUM AND WOOD CHEMICALS-----	150	130	-----	20	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	134,490	70,564	111	63,787	36
2872 POTASSIC CHEM FERTILIZERS-----	9,761	-----	1,200	8,473	-----
2873 PHOSPHATIC CHEM FERTILIZERS-----	15,451	-----	2,245	13,206	-----
2876 INSECTICIDES, DISINFECTANTS-----	4,710	4,709	9	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	54,707	12,837	160	41,702	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	55,354	8,195	9,637	37,522	-----
PETROLEUM & COAL PRODUCTS					
2911 GASOLINE-----	196,355	130,295	9	66,051	-----
2912 JET FUEL-----	8,879	8,879	-----	-----	-----
2913 KEROSENE-----	47	47	-----	-----	-----
2914 DISTILLATE FULL OIL-----	247,401	242,861	11	4,470	139
2915 RESIDUAL FUEL OIL-----	1,518,807	471,350	-----	37,737	9,720
2916 LUBRICATING OILS AND GREASES-----	17,896	2,656	-----	15,200	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	10,373	445	185	9,719	24
2918 ASPHALT, TAR, AND PITCHES-----	144,176	13,605	63	130,508	-----
2920 COKE, PETROLEUM COKE-----	39,848	101	11,692	27,975	-----
2921 LIQUEFIED GASES-----	1,255	815	1	439	-----
2951 ASPHALT BUILDING MATERIALS-----	7,667	7,667	7	-----	-----
2991 PETROLEUM AND COAL PROD. NEC-----	53,366	53,224	20	87	35
RUBBER & MISC. PLASTIC PRODUCTS					
3011 RUBBER AND MISC PLASTIC PROD-----	32,903	32,860	43	-----	-----
LEATHER & LEATHER PRODUCTS					
3111 LEATHER AND LEATHER PRODUCTS-----	777	622	134	-----	-----
STONE, CLAY, GLASS, & CONCRETE PROD.					
3211 GLASS AND GLASS PRODUCTS-----	47,516	16,440	-----	31,074	2
3241 BUILDING CEMENT-----	26,815	6,090	732	19,993	-----
3291 STRUCTURAL CLAY PRODUCTS-----	32,650	6,875	853	24,922	-----
3271 LIME-----	4,414	2,660	-----	1,744	-----
3281 CUT STONE AND STONE PRODUCTS-----	761	739	20	2	-----
3291 MISC NONMETALLIC MINERAL PROD-----	66,305	65,534	804	47	-----
PRIMARY METAL PRODUCTS					
3311 PIG IRON-----	48,691	-----	130	48,541	-----
3312 SLAB-----	50,249	30	333	57,672	6
3314 IRON AND STEEL PRIMARY FORMS-----	733,533	12,612	2,900	718,013	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	851,001	12,019	3,126	835,857	79
3316 IRON AND STEEL PLATES, SHEETS-----	2,100,326	47,534	545	2,052,130	109
3317 IRON AND STEEL PIPE AND TUBE-----	1,146,610	45,506	1,410	1,099,481	215

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TABLE 6--REGULATED TON-MILES: COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1960--CONTINUED
(IN THOUSANDS)

COMMODITY	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
PRIMARY METAL PRODUCTS (CONTINUED)					
3310 FERROALLOYS-----	939,197	-----	151	838,970	76
3319 IRON AND STEEL PRODUCTS, NEC-----	758,842	4,478	897	753,461	6
3321 NONFERROUS METALS, NEC-----	6,878	1,586	70	5,217	-----
3322 COPPER ALLOYS, UNWORKED-----	13,839	715	803	11,574	747
3323 LEAD & D ZINC, UNWORKED-----	27,696	698	-----	27,006	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	59,992	1,482	381	57,729	-----
FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, & TRANS. EQUIP.					
3411 FABRICATED METAL PRODUCTS-----	272,264	145,894	187	126,171	12
MACHINERY, EXCEPT ELECTRICAL					
3511 MACHINERY, EXCEPT ELECTRICAL-----	207,368	93,976	843	112,549	-----
ELECTRICAL MACHINERY, EQUIPMENT & SUPPLIES					
3611 ELECTRICAL MACH AND EQUIP-----	151,992	30,805	13	121,168	6
TRANSPORTATION EQUIPMENT					
3711 MOTOR VEHICLES, PARTS, EQUIP-----	135,885	132,661	2,303	920	1
3721 AIRCRAFT AND PARTS-----	404	488	-----	4	-----
3731 SHIPS AND BOATS-----	33,103	26,433	18	6,649	3
3791 MISC TRANSPORTATION EQUIPMENT-----	6,014	5,902	59	53	-----
INSTRUMENTS, PHOTOGRAPHIC & OPTICAL GOODS, WATCHES & CLOCKS					
3811 INSTR, TIME, PHOTO, OPT GOODS-----	319	308	16	-----	-----
MISC. PRODUCTS OF MANUFACTURING					
3911 MISC MANUFACTURED PRODUCTS-----	214,397	205,842	5,287	3,268	-----
WASTE & SCRAP MATERIALS					
4011 IRON AND STEEL SCRAP-----	2,170,976	6,448	1,345	2,162,294	899
4012 NONFERROUS METAL SCRAP-----	12,388	9,637	20	2,723	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	193	78	115	-----	-----
4024 PAPER WASTE AND SCRAP-----	238	2	189	47	-----
4029 WASTE AND SCRAP, NEC-----	7,810	-----	7	7,811	-----
SPECIAL ITEMS					
4111 WATER-----	493	237	-----	255	1
4112 COMMODITIES, NEC-----	3,417,462	3,326,236	58	91,168	-----

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TABLE 7--EXEMPT, FOR WIRE TON-MILES: COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1980

(IN THOUSANDS)

COMMODITY	TOTAL	COASTWISE	LAKERISE	INTERNAL	LOCAL
	635,639,590	407,854,276	44,864,489	182,714,692	1,806,213
FARM PRODUCTS					
	9,078	8,454		624	
	189,193	16,439	122,967	49,787	
	38,889,506	599,248		38,289,704	594
	216,176		3,001	213,175	
	401,771	236,768		165,003	
	298,251	174		298,077	
	10,193,892	349,897	1,396,039	8,447,706	294
	14,428,459	6,054		14,422,041	364
	125,182	5,483		179,679	
	5,739	5,739			
	5,267	1,108		4,161	
	689	490		199	
TREE NUTS	211,445	211,445			
	6,296	6,179		8	109
VEGETABLES	143,347	342,318		1,037	
	10,255	10,252		3	
ICTS, NEC	25,992	20,702		5,290	
IM PRODUCTS	8,141	8,141			
FOREST PRODUCTS					
ALLIED GUMS	7,215	7,124		91	
NEC	7,983	7,959		28	
FRESH FISH & OTHER MARINE PRODUCTS					
PT SHELLFISH	7,042	6,291		749	2
P PREPARED	10,692	10,647		44	1
	95			95	
NMANUFACTURED	130,238	36		130,202	
METALLIC ORES					
CENTRATES	28,744,512	255	28,659,977	84,280	
ONCENTRATES	8,277	28		8,249	
ONCENTRATES	149,226			149,226	
CONCENTRATES	116,725			116,725	
CONCENT, NEC	271,755	6,912		264,142	701
COAL					
	52,526,889	1,891,741	6,894,587	43,653,694	86,947
CRUDE PETROLEUM					
	271,133,119	264,088,074		6,946,598	98,447
NONMETALLIC MINERALS, EXCEPT FUELS					
	5,986,139	1,632	5,455,126	529,381	
UNWORKED	427	427			
USHED ROCK	2,496,862	169,032	258,681	2,208,095	63,074
	192,207	6,198		185,958	99
	6,098,028	5,456,318		1,539,710	
ER MATS, NEC	42,746	42,746			
	5,424,533	128,861	115,504	5,180,168	
	16,723	14,988		1,823	
	3,637,835	3,204,792		421,976	11,107
D PLASTERS	256,842	29,966	226,876		
ALS, NEC	622,147	32,384		587,681	2,082
ORDNANCE & ACCESSORIES					
ESSORIES	2,016	1,848		168	
FOOD & KINDRED PRODUCTS					
LLED, FROZEN	117,424	317,424			
S, NEC	117,691	117,691			
ATS AND OILS	453,535	45,624		407,954	895
TS, NEC	18,189	16,273		1,916	
NEC	57,173	57,172		1	
REAM	59,176	58,985		191	
SM, PREPARED	217,429	217,354		75	
REP, NEC	292,690	290,681		2,009	
EG JUICE, NEC	871,777	800,330		1,447	
SEMOLINA	191,714	85,693		106,020	1
FEEDS	4,791,347	332,988	3	4,458,152	292
CTS, NEC	6,117,176	253,688		5,863,418	166
	2,725,421	2,373,367		352,054	
	1,766,934	693,763		413,084	87
GES	710,326	789,678		656	
WARG, SHORT	1,217,298	87,437		1,116,388	3,473
FATS, NEC	21,017			20,716	301
	251,531	251,483		42	
	1			1	
OD PRODUCTS	56,584	491,346	13	15,145	
TOBACCO PRODUCTS					
URES	16,281	16,281			

WATER CARRIAGE TON-MILES

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TABLE 7--EXEMPT, FOR WIRE TON-MILES: COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1980--CONTINUED

(IN THOUSANDS)

COMMODITY	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
BASIC TEXTILES					
2211 BASIC TEXTILE PRODUCTS-----	48,268	46,662	-----	1,606	-----
2212 TEXTILE FIBERS, NEC-----	2,708	1,464	-----	1,244	-----
APPAREL & OTHER FINISHED TEXTILE PRODUCTS, INCLUDING KNIT					
2311 APPAREL-----	132,444	132,378	-----	66	-----
LUMBER & WOOD PRODS., EXC. FURNITURE					
2411 LOGS-----	135,848	13,159	-----	122,691	2
2412 RAFTED LOGS-----	660,180	21,767	-----	582,734	55,679
2413 FUEL WOOD, CHARCOAL, WASTES-----	18,900	9,270	-----	9,622	-----
2414 TIMBER, POSTS, POLES, PILING-----	16,815	13,187	3	3,705	-----
2415 PULPMOOD, LOG-----	7,825	-----	-----	7,825	-----
2416 WOOD CHIPS, STAVES, HOLDINGS-----	120,851	-----	-----	117,242	3,609
2421 LUMBER-----	424,755	397,282	-----	27,392	161
2431 VENEER, PLYWOOD, WORKED WOOD-----	114,188	112,599	-----	1,588	1
2491 WOOD MANUFACTURES, NEC-----	78,286	78,188	-----	158	-----
FURNITURE & FIXTURES					
2511 FURNITURE AND FIXTURES-----	101,674	101,108	1	973	-----
PULP, PAPER & ALLIED PRODUCTS					
2611 PULP-----	172,449	36,541	-----	65,619	289
2621 STANDARD NEWSPRINT PAPER-----	41,294	76,636	-----	4,658	-----
2631 PAPER AND PAPERBOARD-----	259,659	184,733	-----	74,888	46
2691 PULP AND PAPER PRODUCTS, NEC-----	357,824	370,478	1	77,345	-----
PRINTED MATTER					
2711 PRINTED MATTER-----	26,887	26,886	-----	1	-----
CHEMICALS & ALLIED PRODUCTS					
2810 SODIUM HYDROXIDE-----	3,162,623	2,885,084	-----	584,996	2,543
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	930,951	433,992	13,364	481,970	1,625
2812 DYES, PIGMENT, TANNING MATS-----	10,534	10,534	-----	-----	-----
2813 ALCOHOLS-----	3,271,408	2,495,721	819	773,903	965
2816 RADIOACTIVE MATERIALS, WASTES-----	542	542	-----	-----	-----
2817 BENZENE AND TOLUENE-----	1,206,853	549,958	21,064	629,572	6,267
2818 SULPHURIC ACID-----	149,116	24,145	-----	122,723	1,248
2819 BASIC CHEMICALS AND PROD, NEC-----	13,446,514	8,544,269	91,808	4,999,554	10,883
2821 PLASTIC MATERIALS-----	133,511	95,575	-----	37,936	-----
2822 SYNTHETIC RUBBER-----	11,639	1,519	-----	10,120	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	1,491	1,409	-----	82	-----
2831 DRUGS-----	46,760	46,760	-----	-----	-----
2841 SOAP-----	243,069	243,069	-----	-----	-----
2851 PAINTS-----	43,354	43,354	-----	-----	-----
2861 GUM AND WOOD CHEMICALS-----	316,344	382,494	-----	13,850	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	2,663,928	1,132,461	17,015	1,513,885	559
2872 POTASSIC CHEM FERTILIZERS-----	569,847	187,721	7,164	174,962	-----
2873 PHOSPHATIC CHEM FERTILIZERS-----	355,981	19,068	-----	336,913	-----
2876 INSECTICIDES, DISINFECTANTS-----	23,674	23,630	-----	44	-----
2879 FERTILIZER AND MATERIALS, NEC-----	3,457,451	416,188	1	3,081,061	209
2891 MISCELLANEOUS CHEMICAL PROD-----	249,787	129,443	-----	120,304	40
PETROLEUM & COAL PRODUCTS					
2911 GASOLINE-----	27,172,293	21,062,682	108,631	5,884,669	116,391
2912 JET FUEL-----	9,952,843	9,074,667	77,121	799,241	1,212
2913 KEROSENE-----	478,987	513,603	1,151	160,149	4,084
2914 DISTILLATE FUEL OIL-----	17,172,956	12,849,308	53,582	4,088,455	181,819
2915 RESIDUAL FUEL OIL-----	42,436,599	52,054,688	279,241	10,189,959	312,799
2916 LUBRICATING OILS AND GREASES-----	5,511,439	3,918,896	57	1,581,051	1,441
2917 NAPHTHA, PETROLEUM SOLVENTS-----	4,657,342	2,170,817	20,758	1,941,307	4,460
2918 ASPHALT, TAR, AND BITUMENS-----	2,271,881	1,363,265	114,758	1,291,396	2,462
2920 COKE, PETROLEUM COKE-----	2,818,657	1,331	56,936	2,751,996	8,394
2921 LIQUEFIED GASES-----	23,747	6,441	1	17,281	4
2931 ASPHALT PAVING MATERIALS-----	13,286	13,286	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	1,628,792	1,495,567	-----	132,185	1,040
RUBBER & MISC. PLASTIC PRODUCTS					
3011 RUBBER AND MISC PLASTIC PROD-----	111,507	111,428	-----	87	-----
LEATHER & LEATHER PRODUCTS					
3111 LEATHER AND LEATHER PRODUCTS-----	32,414	32,414	-----	-----	-----
STONE, CLAY, GLASS, & CONCRETE PROD.					
3211 GLASS AND GLASS PRODUCTS-----	1,7,544	96,340	-----	11,204	-----
3241 BUILDING CEMENT-----	911,272	169,809	13,452	724,009	4,002
3251 STRUCTURAL CLAY PRODUCTS-----	77,270	32,876	-----	44,394	-----
3271 LIME-----	541,481	5,523	-----	535,958	-----
3281 CUT STONE AND STONE PRODUCTS-----	9,421	9,417	-----	4	-----
3291 MISC NONMETALLIC MINERAL PROD-----	285,714	279,018	8	9,688	8
PRIMARY METAL PRODUCTS					
3311 PIG IRON-----	6,682	3	3,778	2,901	-----
3312 SLAG-----	325,327	10,936	50,209	264,188	-----
3314 IRON AND STEEL PRIMARY FORMS-----	98,501	43,148	-----	55,353	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	104,923	40,071	-----	64,892	160
3316 IRON AND STEEL PLATES, SHEETS-----	188,811	48,618	-----	139,931	64

WATERBORNE COMMERCE OF THE UNITED STATES, 1960

TABLE B--PRIVATE CARRIAGE TON-MILES: COMMODITY BY TYPE OF TRAFFIC, CALENDAR YEAR 1960--CONTINUED

(IN THOUSANDS)

COMMODITY	TOTAL	COASTWISE	LAKEWISE	INTERNAL	LOCAL
PETROLEUM & COAL PRODUCTS					
2911 GASOLINE-----	28,651,876	25,922,672	227,888	2,857,565	43,751
2912 JET FUEL-----	5,308,757	4,700,430	11,323	599,433	4,371
2913 KEROSENE-----	2,789,347	2,714,431	-----	72,691	2,265
2914 DISTILLATE FUEL OIL-----	29,528,375	27,962,845	288,012	1,320,263	46,055
2915 RESIDUAL FUEL OIL-----	25,712,818	24,234,884	10,170	1,301,760	79,996
2916 LUBRICATING OILS AND GREASES-----	4,468,688	3,954,549	-----	513,711	428
2917 NAPHTHA, PETROLEUM SOLVENTS-----	2,735,898	2,466,588	-----	267,731	1,579
2918 ASPHALT, TAR, AND BITUMENS-----	645,782	448,668	-----	196,979	29
2920 COKE, PETROLEUM COKE-----	20,167	-----	6,784	-----	13,463
2921 LIQUEFIED GASES-----	346,299	147,898	-----	198,601	2,689
2991 PETROLEUM AND COAL PROD, NEC-----	208,834	138,294	-----	45,563	24,977
STONE, CLAY, GLASS, & CONCRETE PROD.					
3241 BUILDING CEMENT-----	2,210,276	487,598	982,970	739,135	581
3251 STRUCTURAL CLAY PRODUCTS-----	14	-----	-----	14	-----
3271 LIME-----	1,576	-----	-----	1,576	2
3291 MISC NONMETALLIC MINERAL PROD-----	29,638	12,641	-----	12,997	-----
PRIMARY METAL PRODUCTS					
3312 SLAB-----	8,483	-----	8,419	64	-----
3314 IRON AND STEEL PRIMARY FORMS-----	807	-----	797	10	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	555	-----	-----	506	49
3316 IRON AND STEEL PLATES, SHEETS-----	256	169	-----	82	5
3317 IRON AND STEEL PIPE AND TUBE-----	7,693	896	-----	6,596	281
3321 NONFERROUS METALS, NEC-----	603	680	-----	3	-----
FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE, MACHINERY, & TRANS. EQUIP.					
3411 FABRICATED METAL PRODUCTS-----	7,696	6,589	-----	1,142	45
MACHINERY, EXCEPT ELECTRICAL					
3511 MACHINERY, EXCEPT ELECTRICAL-----	9,132	3,624	-----	5,184	324
ELECTRICAL MACHINERY, EQUIPMENT & SUPPLIES					
3611 ELECTRICAL MACH AND EQUIP-----	28	-----	-----	25	3
TRANSPORTATION EQUIPMENT					
3711 MOTOR VEHICLES, PARTS, EQUIP-----	145	97	-----	49	3
3731 SHIPS AND BOATS-----	175,687	147,438	-----	28,249	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	994	282	-----	792	-----
MISC. PRODUCTS OF MANUFACTURING					
3911 MISC MANUFACTURED PRODUCTS-----	8,691	410	-----	8,266	15
WASTE & SCRAP MATERIALS					
4011 IRON AND STEEL SCRAP-----	9,013	1,399	-----	526	4,088
4012 NONFERROUS METAL SCRAP-----	81	-----	-----	81	-----
4020 WASTE AND SCRAP, NEC-----	254,468	-----	-----	184,187	70,281
SPECIAL ITEMS					
4111 WATER-----	22,034	33	-----	21,989	12
4112 COMMODITIES, NEC-----	6,319	4,600	-----	1,614	105